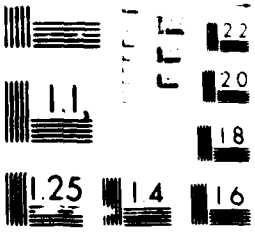
AD-A179 196 MCCONNELL AFB KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 APR 87 1/4

UNCLASSIFIED USAFETAC/DS-87/016 F/G 4/2 NL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USAFETAC/DS 87/016

9 APR 1987

AD-A179 196

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MCCONNELL AFB KS MSC #724505
N 37 37 W 097 16 ELEV 1371 FT KIAB

PARTS A - F HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 77 - DEC 86

SUMMARY OF DAY DATA: DEC 53 - DEC 86

TIME CONVERSION GMT TO LST -6

"Approved for public release; Distribution Unlimited."

FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/016, Mcconnell AFB KS RUSSWO April 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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3. **Distribution/Availability of Report:** Approved for public release; Distribution unlimited.

4. **Performing Organization Report Number:** USAFETAC/DS-87/016.

5. **Monitoring Organization Report Number:** USAFETAC/DS-87/016.

6a. **Name of Performing Organization:** USAFETAC/OL-A
6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723.

11 **Title:** (RUSSWO) Mcconnell AFB KS

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Dec 53-Dec 86.

14 **Date of Report:** Apr 87

15 **Page Count:** 312

16 **Supplementary Notation:**

17 **COSATI Codes:** Field--04, Group--02

18 **Subject Terms:** *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Mcconnell AFB; Kansas; Wichita; USKS724505.

19 **Abstract:** A six-part statistical data summary of surface weather observations for: Mcconnell AFB KS. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.

20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473 **UNCLASSIFIED**

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data compilation each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for [illegible]

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Hours missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY____ _____ APRIL____ _____ JULY____ _____ OCTOBER____ _____

FEBRUARY____ _____ MAY____ _____ AUGUST____ _____ NOVEMBER____ _____

MARCH____ _____ JUNE____ _____ SEPTEMBER____ _____ DECEMBER____ _____

STATION NO.	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
03923	[illegible] AFB KANSAS	N 37 37	[illegible] 7 16	1371	IAB	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT. BARO.	OBS PER DAY
1	McConnell AFB, Wichita Kansas	AFB	Nov 53	Mar 55	N 37 37	W 097 16	1362	1384	24
2	Same	Same	Apr 55	Mar 58	Same	Same	1374	1388	24
3	Same	Same	Apr 58	Mar 59	Same	Same	1371	Same	24
4	Same	Same	Apr 59	Sep 61	Same	Same	Same	1352	24
5	Same	Same	Oct 61	Mar 64	Same	Same	Same	1355	24
6	Same	Same	Apr 64	Mar 69	Same	Same	Same	1381	24
7	Same	Same	Apr 69	Dec 73	Same	Same	Same	1357	24
8	Same	Same	Jan 74	Dec 78	Same	Same	Same	Same	24
9	Same	Same	Jan 79	[illegible]	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
1	Nov 53	Located on roof of H_2 bldg.	AN/GMQ-1	None	70 ft	
2	5 Apr 55	Located on top of base operations bldg.	Same	None	70 ft	
3	[illegible] Apr 58	Located 100 ft N of wx stn. on top of parachute tower.	Same	None	50 ft	
4	[illegible] Apr 59	Located 5700 ft [illegible] of wx stn., [illegible] ft [illegible] of approach end of rnwy [illegible], [illegible] ft [illegible] of centerline of rnwy [illegible].	AN/GMQ-1	—	13 ft	
5	[illegible] Apr 64	Not instrumented				
		a. Located approach end of rnwy [illegible]	AN/GMQ-1	—	13 ft	
		b. Located approach end of rnwy [illegible]	Same		16 ft	

USAFETAC FORM NOV 75 (OL A) PREVIOUS EDITIONS OBSOLETE

CONTINUED ON REVERSE SIDE

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
03923	MCDONNELL AFB KANSAS	N 37 37	W 097 16	1371	IAB	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT. BARO.	OBS PER DAY
1	McDonnell AFB, Wichita Kansas	AFB	Nov 53	Mar 55	N 37 37	W 097 16	1362	1384	24
2	Same	Same	Apr 55	Mar 58	Same	Same	1374	1388	24
3	Same	Same	Apr 58	Mar 59	Same	Same	1371	Same	24
4	Same	Same	Apr 59	Sep 61	Same	Same	Same	1352	24
5	Same	Same	Oct 61	Mar 64	Same	Same	Same	1355	24
6	Same	Same	Apr 64	Mar 69	Same	Same	Same	1381	24
7	Same	Same	Apr 69	Dec 73	Same	Same	Same	1357	24
8	Same	Same	Jan 74	Dec 78	Same	Same	Same	Same	24
9	Same	Same	Jan 79	Mar [illegible]	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
1	Nov 53	Located on roof of HQ bldg.	AN/GMQ-1	None	70 ft	
2	5 Apr 55	Located on top of base operations bldg.	Same	None	70 ft	
3	3 Apr 59	Located 100 ft N of wx stn on top of parachute tower.	Same	None	50 ft	
4	2 Apr 61	Located 5700 ft E of wx stn, [illegible] ft N of approach end of rnwy 36L, 11[illegible] ft E of centerline of rnwy 36L	AN/GMQ-1	-	13 ft	
5	3 Apr 64	Dual instrumented 1. Located approach end of rnwy 36L 2. Located approach end of rnwy	AN/GMQ-1 Same	[illegible]	13 ft 16 ft	

USAFETAC FORM NOV 73 [illegible] (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTINUED ON REVERSE SIDE

NBER ATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
		18				
	21 Apr69	Dual Instrumented				
		1. Same	AN/[illegible]Q-20	RQ-362	13 ft	
		2. Same	AN/[illegible]-20		16 ft	
7	Jan 71	Dual Instrumented				
		1. Located 1100 ft E of centerline 3355 ft from end of rnwy 36R.	Same	Same	13 ft	
		2. Located 550 ft E of centerline, 1400 ft from end of rnwy 18L.	Same		16 ft	
8	Dec 78	1. Same	Same	Same	13 ft	
		2. Same	Same		16 ft	
9	Mar 87	1. Same	Same	Same	13 ft	
		2. Same	Same		16 ft	

68-8475

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

WEATHER CONDITIONS

STATION NAME YEAR MONTH

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	# OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	# OF OBS WITH OBST TO VISION	TOTAL NO. OF OB
TOTALS													

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WEATHER CONDITIONS

STATION STATION NAME YEARS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	OBS WITH PRECIP.	TOTAL
TOTALS													

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WEATHER CONDITIONS

TOTALS

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	HOURS L.S.T.	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NUMBER OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION STATION NAME YEARS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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WEATHER CONDITIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & DRIZZLE	SNOW AND/OR SLEET		FREEZING		MIST AND/OR FOG				
TOTALS													

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WEATHER CONDITIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR FREEZING DRIZZLE	SNOW AND/OR SLEET	FOG	FOG WITH PRECIP	HAZE	MIST AND/OR HAZE	FLOODS	DUST AND/OR SAND	OTHER WEATHER OBSTRUCTION	[illegible]
TOTALS													

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WEATHER CONDITIONS

STATION STATION NAME YEARS MONTH

MONTH	HOURS L.S.T.	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	HOURS L.S.T.	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION STATION NAME YEARS MONTH

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION STATION NAME YEARS MONTH

MONTH	HOURS L.S.T.	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

2241 5 — STATION — MCCONNELL AFB KS — STATION NAME — 53-56 — YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00					MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4							
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120							
JAN	3.7	19.6	1.7	5.6	3.9	3.1	1.5	1.2	.4					[illegible]	1023	.6	7.12	TRAC
FEB	2.1	19.9	1.7	5.3	2.1	3.4	2.6	2.[illegible]	.5					1[illegible]	[illegible]1	1.[illegible]	.76	TRAC
MAR	[illegible].7	17.8	1.[illegible]	4.8	2.[illegible]	3.7	4.9	3.4	2.2	.1				23.[illegible]	1[illegible]25	2.[illegible]	1.[illegible]57	TRAC
APR	[illegible].1	14.2	2.4	4.6	3.8	4.5	3.7	4.4	2.8	.[illegible]				[illegible].7	99[illegible]	3.1	7.20	.44
MAY	[illegible]	15.6	2.6	5.6	2.3	6.5	5.6	5.3	3.9	.[illegible]				[illegible].7	1[illegible]03	4.[illegible]	5.02	.43
JUN	5.[illegible]	14.[illegible]	2.3	4.3	3.0	4.0	5.4	5.3	4.1	.2	.1			[illegible].9	[illegible]	4.4[illegible]1	.77	.[illegible]
JUL	5.[illegible]	11.8	1.[illegible]	3.2	2.1	4.7	3.3	4.5	3.2	.[illegible]				2[illegible]	1023	3.[illegible]	9.1[illegible]	TRAC
AUG	5.[illegible]	11.0	2.1	4.1	2.2	3.9	5.4	5.2	2.4	.[illegible]	.1			23.[illegible]	102[illegible]	3.24	1[illegible].46	.47
SEP	3.[illegible]	11.7	2.4	4.0	2.5	4.2	4.0	4.3	3.4	.4				2[illegible].5	[illegible]	3.[illegible]	.27	.[illegible]
OCT	6.7	1[illegible].5	2.3	4.5	2.2	3.5	2.7	.6	2.[illegible]	.5				[illegible]	1023	3.1	.70	TRAC
NOV	6.[illegible]	1[illegible].2	1.5	5.2	1.7	3.[illegible]	2.6	2.3	1.2	.2				7.[illegible]	99[illegible]	1.[illegible]	7.79	.[illegible]
DEC	5.7	14.9	2.2	6.0	2.6	4.3	2.6	1.3	.6					1[illegible].4	1[illegible]54	1.2	3.54	.[illegible]
ANNUAL	.2	14.5	2.[illegible]	4.5	2.6	4.1	3.7	3.4	2.3	.2	.[illegible]			27.3	120	333.[illegible]	[illegible]	[illegible]

USAFETAC FORM 0-15-5 OCT 79 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												.65	
54	.12	1.24	1.00	1.20	1.60	.16	.05	.64	1.33	.94	.02	.10	1.60
55	.56	1.42	.35	.32	2.18	1.49	1.50	.54	1.84	4.41	.03	.03	4.41
56	.16	.29	1.07	.66	.63	.65	.61	.32	.12	1.13	.59	.01	1.13
57	.16	.67	1.06	1.11	2.30	1.67	1.34	.42	2.27	.55	.66	.40	2.30
58	.54	.46	1.21	.81	1.92	.81	2.33	1.35	2.67	TRACE	.81	.16	2.33
59	.42	.66	.48	.85	1.68	.67	4.34	2.61	1.02	2.85	.07	.74	4.34
60	.73	.79	.37	.23	1.45	.90	2.64	6.90	.87	2.79	.26	1.32	6.90
61	.09	1.08	.67	1.97	2.72	1.41	2.23	2.53	1.24	1.46	1.34	.56	2.72
62	.48	.27	.47	.36	.34	1.40	2.05	1.45	1.86	.48	1.19	.30	2.05
63	1.02	TRACE	.68	.14	2.12	1.68	.67	1.58	1.10	1.48	.61	.38	2.12
64	.45	.53	.70	1.72	2.63	1.34	.82	2.23	1.79	1.62	2.80	.57	2.80
65	.06	*.73	.66	1.46	1.98	5.06	2.51	1.00	2.52	.32	.02	1.34	5.06
66	.11	1.05	.05	.80	.17	.61	1.07	.78	.30	.23	.15	.21	1.05
67	.37	.07	.42	1.24	.60	1.72	2.12	.44	1.19	1.35	.33	.35	2.12
68	.11	.07	.51	1.63	1.46	1.44	.61	.99	2.30	1.21	1.72	1.27	2.30
69	.07	.74	1.24	2.78	1.71	1.26	2.60	1.04	1.91	1.02	.03	.80	2.78
70	.18	.12	.39	2.00	.99	2.40	.64	.78	1.35	1.65	.03	.50	2.40
71	1.24	.82	TRACE	1.29	1.27	1.23	1.46	.80	1.21	2.31	1.18	.50	2.31
72	.12	.28	.27	1.11	.63	.59	1.44	1.13	.72	.75	1.26	.43	1.44
73	.86	.82	2.41	.85	.33	.70	1.45	1.13	2.78	2.30	.50	.55	2.78
74	.46	.37	1.27	2.03	1.05	1.39	.01	1.76	.61	1.55	2.11	.71	2.11
75	.98	.80	.88	1.22	2.14	1.94	TRACE	1.61	.65	.01	.76	.03	2.14
76	.10	.17	.35	1.92	1.00	1.77	2.68	.23	3.41	.64	.22	.11	3.41
77	.24	.13	1.82	1.68	2.01	1.95	.03	2.47	.94	.60	1.18	.11	2.47
78	.35	1.55	1.38	3.25	1.82	1.92	2.48	.56	1.88	.15	.62	.29	3.25
79	.90	.41	1.67	1.29	1.43	3.30	1.44	.53	2.25	1.21	2.70	1.03	3.30
80	1.27	.92	1.58	.64	2.25	.61	.63	3.12	.63	.67	.60	2.16	3.12
81	.06	.21	.75	.84	2.06	1.17	1.99	.55	.90	1.47	1.19	.13	2.06
82	1.48	.40	1.80	.85	1.63	1.91	.73	.45	1.08	.99	.59	.94	1.91

NOTE * ERASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
83	.66	.78	1.[illegible]4	1.36	1.00	2.19	2.42	1.27	1.55	1.23	.74	.72	2.42
84	.18	.55	2.62	1.31	1.12	3.50	.43	1.40	2.23	.74	1.20	2.39	3.50
85	.35	.66	.63	1.38	1.98	2.21	1.09	1.23	1.47	2.86	.38	.48	2.86
86	TRACE	.66	.67	.71	1.05	1.66	2.37	2.47	3.37	1.45	.62	.88	3.37
MEAN	.451	.593	.978	1.243	1.492	1.598	1.512	1.403	1.538	1.288	.804	.620	2.681
S.D.	.404	.399	.646	.688	.680	.964	.990	1.247	.815	.956	.725	.531	1.097
TOTAL OBS	1023	931	1023	990	1023	990	1023	1023	990	1023	990	1054	12083

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						-M-O-N-T-H-S-							
53												1.31	
54	.12	1.24	1.43	2.10	3.76	.60	.08	2.33	1.72	1.74	.00	.21	15.33
55	.83	1.98	.84	.67	4.62	5.09	3.03	.82	3.25	6.35	.03	.04	27.55
56	.63	.50	1.44	1.11	2.26	1.28	2.50	.97	.16	2.28	.81	.69	14.63
57	.72	1.19	2.66	5.37	6.69	10.07	1.93	.82	5.18	1.92	2.02	.59	39.16
58	1.18	1.16	5.06	1.28	3.76	2.63	6.63	2.10	5.94	TRACE	1.24	.71	31.69
59	.57	.71	.94	2.07	6.17	2.33	9.10	4.97	3.58	9.70	.15	2.11	42.40
60	1.28	1.94	1.39	.59	4.22	3.53	9.01	10.46	2.34	7.15	.28	2.16	44.35
61	.09	1.98	2.95	3.49	6.48	3.32	7.75	5.62	4.94	4.93	3.50	1.11	46.16
62	1.37	.49	.59	.77	1.00	4.03	6.90	2.45	7.53	.98	1.81	.60	28.52
63	1.57	TRACE	1.78	.44	5.08	4.36	3.95	2.39	3.58	2.34	.88	.81	27.18
64	.54	.84	.89	3.93	5.19	2.68	1.52	6.08	3.54	2.22	7.79	1.04	36.26
65	.25	*2.10	.83	4.71	6.42	7.81	4.81	3.29	9.27	.37	.02	2.20	*42.08
66	.33	1.30	.05	2.13	.45	1.10	1.75	1.93	.63	.57	.15	.48	10.82
67	.61	.07	1.20	2.60	1.72	7.14	6.42	1.75	2.63	4.23	.47	.88	29.72
68	.28	.17	1.09	4.27	6.43	3.55	2.43	4.37	3.28	2.58	2.71	2.31	33.97
69	.26	1.34	2.25	6.05	5.09	5.06	6.85	2.07	4.63	3.06	.06	1.71	38.43
70	.32	.12	2.85	5.65	1.37	6.25	1.01	1.18	4.54	2.83	.07	.50	26.69
71	1.77	2.76	TRACE	3.48	2.99	2.96	6.33	1.97	2.28	6.62	2.72	1.49	35.37
72	.35	.46	.70	3.88	1.72	1.44	5.52	2.68	1.43	2.82	4.33	1.12	26.45
73	3.12	1.10	10.57	3.21	.99	1.10	3.18	1.73	9.25	4.05	.78	1.57	40.65
74	.78	.45	2.90	4.58	3.60	2.92	.02	6.06	1.18	5.23	3.90	2.22	33.84
75	2.05	1.85	1.75	1.77	7.47	6.22	TRACE	3.73	1.56	.01	1.98	.08	28.47
76	.13	.34	1.50	7.20	3.84	4.24	7.[illegible]7	.42	5.06	1.33	.29	.17	31.79
77	.43	.23	3.44	4.78	9.02	4.25	3.23	9.29	3.36	1.28	2.42	.14	41.87
78	1.09	2.29	2.47	4.80	4.64	5.44	4.00	2.11	5.02	.15	3.18	.71	35.90
79	2.27	.49	5.27	3.56	3.44	7.44	2.33	1.31	2.56	1.90	3.81	1.44	35.82
80	2.11	1.34	4.42	1.37	4.36	1.84	.63	4.93	.96	1.51	.83	2.55	26.85
81	.11	.30	2.64	1.12	7.63	3.59	3.62	2.34	3.47	4.90	3.87	.28	33.87
82	1.78	.94	3.34	1.12	7.87	6.37	1.29	1.33	1.33	1.56	1.12	2.05	30.10

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
83	1.47	1.64	6.65	4.01	3.60	10.03	3.43	1.95	3.61	3.73	2.35	1.43	43.90
84	.32	1.49	10.29	5.64	3.55	6.28	.64	2.13	2.69	3.36	1.59	3.54	41.72
85	.52	2.10	1.97	4.10	3.65	5.40	3.20	3.27	5.42	6.58	.91	.73	37.85
86	TRACE	1.12	1.54	2.39	5.55	5.38	6.98	7.52	5.87	4.09	.82	1.67	43.13
MEAN	.886	1.060	2.657	3.159	4.383	4.416	3.859	3.238	3.697	3.101	1.724	1.201	33.139
S.D.	.770	.737	2.515	1.832	2.170	2.435	2.706	2.449	2.241	2.337	1.730	.847	6.686
TOTAL OBS	1023	931	1023	990	1023	990	1023	1023	990	1023	990	1054	12083

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												[illegible]	
54	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	[illegible]
55	1.3	1.8	1.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	[illegible]
56	2.2	3.6	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	1.1	[illegible]
57	2.0	3.4	1.0	.8	.0	.0	.0	.0	.0	.8	.2	TRACE	[illegible]
58	5.0	3.9	5.7	.0	.0	.0	.0	.0	.0	.0	1.8	5.7	[illegible]
59	6.8	.3	.9	1.5	.0	.0	.0	.0	.0	.0	1.5	.7	[illegible]
60	1.9	4.0	2.8	TRACE	.0	.0	.0	.0	.0	TRACE	.7	1.4	[illegible]
61	.8	4.6	5.0	TRACE	.0	.0	.0	.0	.0	.0	.5	5.7	[illegible]
62	4.8	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	1.3	[illegible]
63	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.8	[illegible]
64	TRACE	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.7	[illegible]
65	1.8	*2.4	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	[illegible]	[illegible]
66	2.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	*[illegible]	*[illegible]
67	1.7	TRACE	.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.6	[illegible]
68	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	.1	[illegible]
69	TRACE	2.1	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	[illegible]
70	2.1	TRACE	1.0	.4	.0	.0	.0	.0	.0	TRACE	TRACE	[illegible]	[illegible]
71	.2	8.3	TRACE	.0	.0	.0	.0	.0	.0	.0	4.8	1.1	[illegible]
72	1.1	2.9	2.0	.0	.0	.0	.0	.0	.2	.0	3.6	1.0	[illegible]
73	3.0	TRACE	.0	2.0	.0	.0	.0	.0	.0	.0	.1	1.4	[illegible]
74	.9	.3	1.6	TRACE	.0	.0	.0	.0	.0	.0	1.7	1.4	[illegible]
75	6.6	4.6	8.8	.4	.0	.0	.0	.0	.1	.0	3.6	.4	[illegible]
76	1.0	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	1.8	TRACE	[illegible]
77	.8	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	[illegible]
78	3.5	2.7	.7	.0	.0	.0	.0	.0	.1	.0	TRACE	[illegible]	[illegible]
79	4.0	.8	.3	4.3	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	[illegible]
80	.3	9.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4	[illegible]
81	TRACE	2.1	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	[illegible]
82	TRACE	4.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

(CONTINUED ON NEXT PAGE....

LOCAL CLIMATOLOGY BRANCH
ATLANTA
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72455S STATION NAME: MCCONNELL AFB KS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	.5	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5.8	3.0	TRACE	TRACE	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	.3	1.5	TRACE	[illegible]	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
MEAN	2.19	2.95	1.62	.08	.00	.00	.00	.00	.00	.00	.85	1.72	[illegible]
[illegible]	1.977	2.578	3.151	.888	.000	.000	.000	.000	.000	.139	1.895	1.885	[illegible]
TOTAL YRS	1027	931	1021	990	1023	990	[illegible]	1027	992	[illegible]	992	1051	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

TION NUMBER: 724605 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												.4	
54	1.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6
55	2.0	2.4	1.5	.0	.0	.0	.0	.0	.0	.0	.3	.1	6.3
56	8.5	3.8	5.7	TRACE	.0	.0	.0	.0	.0	.0	.0	2.6	20.6
57	7.1	3.4	1.4	.8	.0	.0	.0	.0	.0	.8	.2	TRACE	13.7
58	6.8	7.1	17.8	.0	.0	.0	.0	.0	.0	.0	1.8	7.8	41.3
59	7.9	.4	.9	1.5	.0	.0	.0	.0	.0	.0	2.1	.7	13.5
60	3.4	16.9	9.0	TRACE	.0	.0	.0	.0	.0	TRACE	.3	3.3	31.9
61	.8	9.2	7.3	TRACE	.0	.0	.0	.0	.0	.0	.7	5.9	23.9
62	12.3	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	2.0	14.7
63	5.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.6	12.9
64	TRACE	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.7	7.3
65	1.8	*2.4	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.4	*6.6
66	4.2	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	*2.2	*7.1
67	3.7	TRACE	.6	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.5	7.8
68	TRACE	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.1	1.2
69	TRACE	2.8	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8	7.0
70	3.1	TRACE	18.3	.6	.0	.0	.0	.0	.0	TRACE	TRACE	2.5	24.5
71	.2	18.6	TRACE	.0	.0	.0	.0	.0	.0	.0	4.8	1.9	25.5
72	2.4	4.4	2.0	.0	.0	.0	.0	.0	.0	.0	7.5	1.5	17.8
73	8.0	TRACE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.8	12.8
74	1.7	.5	2.9	TRACE	.0	.0	.0	.0	.0	.0	1.0	2.2	8.3
75	7.3	11.4	9.4	.4	.0	.0	.0	.0	.0	.0	4.4	.4	33.3
76	1.3	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	TRACE	5.0
77	2.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.3
78	10.7	9.9	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	7.6	29.0
79	14.3	.8	.5	4.3	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	19.9
80	.9	12.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4	14.1
81	TRACE	2.2	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	4.0
82	TRACE	11.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.0	13.7

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 57-86

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
83	13.3	10.3	.6	TRACE	.0	.0	.0	.0	.0	.0	3.6	8.5	36.3
84	4.0	1.5	3.9	.0	.0	.0	.0	.0	.0	.0	5.3	5.1	23.8
85	4.4	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	3.4	12.3
86	.0	3.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	4.7
MEAN	4.21	4.46	2.58	.29	.00	.00	.00	.00	.00	.02	1.05	2.86	15.84
S.D.	4.154	5.271	4.792	.850	.000	.000	.000	.000	.000	.139	1.907	2.724	10.659
TOTAL OBS	1023	931	1021	990	1023	990	1023	1023	990	1023	990	1053	12080

NOTE * (BASED ON LESS THAN FULL MONTHS)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE			06-10		26-50								OVER 20.00			MEAN	GREATEST	LEAST
	NONE	TRACE		.1-.4	.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4							
	NONE	TRACE		2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120							
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]			
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]			
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]			
APR	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]			
MAY	[illegible]																[illegible]			
JUN	[illegible]																[illegible]			
JUL	[illegible]																[illegible]			
AUG	[illegible]																[illegible]			
SEP	[illegible]																			
OCT	[illegible]		[illegible]													[illegible]	[illegible]			
NOV	[illegible]	1.2	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]			
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]			
ANNUAL	[illegible]	2.4	1.7	1.2	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]			

USAFETAC FORM 0-15-5 OCT 75 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												2	
54	1	0	0	0	0	0	0	0	0	0	0	TRACE	1
55	2	3	2	0	0	0	0	0	0	0	0	TRACE	3
56	3	4	1	0	0	0	0	0	0	0	0	1	4
57	2	3	1	1	0	0	0	0	0	1	TRACE	TRACE	3
58	7	2	6	0	0	0	0	0	0	0	2	5	7
59	6	7	TRACE	0	0	0	0	0	0	0	2	TRACE	7
60	4	8	9	0	0	0	0	0	0	0	TRACE	2	9
61	1	6	5	TRACE	0	0	0	0	0	0	0	2	6
62	11	TRACE	0	0	0	0	0	0	0	0	0	2	11
63	5	TRACE	TRACE	0	0	0	0	0	0	0	0	6	6
64	0	2	0	0	0	0	0	0	0	0	0	5	5
65	1	2	0	0	0	0	0	0	0	0	0	1	2
66	2	1	0	0	0	0	0	0	0	0	0	3	3
67	3	0	0	0	0	0	0	0	0	0	0	1	3
68	0	1	0	0	0	0	0	0	0	0	0	1	1
69	1	4	4	0	0	0	0	0	0	0	0	2	4
70	3	0	10	0	0	0	0	0	0	0	0	1	10
71	0	14	1	0	0	0	0	0	0	0	4	2	14
72	2	4	TRACE	0	0	0	0	0	0	0	4	1	4
73	6	TRACE	0	TRACE	0	0	0	0	0	0	0	2	6
74	5	2	2	0	0	0	0	0	0	0	0	1	5
75	6	6	9	TRACE	0	0	0	0	0	0	4	TRACE	9
76	1	1	0	0	0	0	0	0	0	0	1	0	1
77	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
78	7	8	TRACE	0	0	0	0	0	0	0	0	3	8
79	9	8	TRACE	2	0	0	0	0	0	0	0	0	9
80	TRACE	11	1	0	0	0	0	0	0	0	0	1	11
81	TRACE	3	0	0	0	0	0	0	0	0	0	1	3
82	TRACE	10	0	0	0	0	0	0	0	0	TRACE	2	10

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
83	4	12	TRACE	0	0	0	0	0	0	0	3	6	12
84	4	0	1	0	0	0	0	0	0	0	2	3	4
85	4	3	TRACE	TRACE	0	0	0	0	0	0	TRACE	2	4
86	0	4	0	0	0	0	0	0	0	0	0	TRACE	4
MEAN	3.1	3.9	1.6	.1	.0	.0	.0	.0	.0	.0	.7	1.7	5.8
S.D.	2.843	3.908	2.905	.384	.000	.000	.000	.000	.000	.174	1.315	1.697	3.496
TOTAL OBS	1023	932	1023	990	1023	990	1023	1023	990	1023	990	1054	12084

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SUR[illegible]

Presented in this part are various tabulations of [illegible]

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and [illegible] for the entire period of record available. Speeds are presented in knots, while directions are given [illegible] 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in [illegible] 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk ( ) is printed in the data block if less than [illegible] of the [illegible] gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are [illegible] computed when four or more values are pr[illegible] for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and [illegible] - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds [illegible] INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with [illegible] equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables [illegible] are occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include [illegible] complete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 60-86

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60								SSE*24	N 31	NNW 32	WNW 37	N 35	
61	N 43	W 56	NW 44	NNW 41	ENE 49	SW 44	WNW 52	N *26	N 39	SSW*40	NNE*38	NW *45	N 56
62	NNW*49	N *34	NNE 39	NW 36	SSW 41	N 47	NNW 44	NNW 42	ESE*32	N 33	N 33	N 34	NNW*49
63	NNE*42	NNW 38	NNW 40	S 38	SSW*43	S 42	N 42	NW *45	N 38	N 35	N 43	NW *48	NW *48
64	NNW 40	S 42	S 39	SSW 52	SE 42	S 43	E 34	N 46	NNE 38	N 35	N 40	N 40	SSW 52
65	N 45	N 43	NW 44	SE 39	S 66	NNE 48	W *40	S 29	SW 46	ESE 37	S *35	SSW*40	S 66
66	S 39	SSE 39	NW 48	S 42	NW 41	NNW 38	S 38	E 38	NNE 37	NW 45	NNW 42	N 36	NW 48
67	SSW 40	N 48	SSE 47	S 44	NNE 38	S 48	N 39	ESE 39	SE 32	N 45	S 23	N *39	N 46
68	S *33	N 40	S 44	S 48	SSE 41	W 53	20/ 40	23/ 51	30/ 41	16/ 40	36/ 40	23/ 44	N 53
69	35/ 49	34/ 37	3/ 45	25/ 46	33/ 58	19/ 54	19/ 35	17/ 30	20/ 32	19/ 40	18/ 45	32/ 40	33/ 58
70	2/ 33	36/ 48	36/ 43	28/ 42	18/ 37	34/ 51	28/ 40	1/ 36	9/ 72	2/ 44	36/ 43	36/ 42	9/ 72
71	34/ 43	2/ 46	30/ 64	2/ 52	23/ 48	20/ 52	33/ 49	31/ 36	18/ 47	17/ 47	20/ 52	36/ 45	30/ 64
72	19/ 47	19/ 53	33/ 54	30/ 51	21/ 44	27/ 55	32/ 55	23/ 35	19/ 37	17/ 35	35/ 38	19/ 37	27/ 55
73	35/ 46	16/ 38	19/ 48	21/ 58	32/ 44	20/ 40	32/ 46	33/ 49	18/ 40	30/ 53	18/ 39	32/ 44	21/ 58
74	35/ 28	32/ 50	32/ 39	18/ 48	36/ 41	29/ 40	18/ 35	20/ 60	35/ 31	19/ 44	33/ 43	35/ 35	20/ 60
75	35/ 45	36/ 37	27/ 48	12/ 40	24/ 33	17/ 40	22/ 29	34/ 84	2/ 35	18/ 42	23/ 62	18/ 52	34/ 84
76	35/ 33	33/ 52	17/ 47	19/ 42	7/ 36	34/ 39	3/ 33	25/ 33	16/ 46	18/ 36	36/ 34	36/ 40	33/ 52
77	1/ 43	36/ 40	13/ 52	19/ 37	16/ 35	3/ 29	24* 36	31/ 46	20/ 36	18/ 37	1/ 45	33/ 39	13/ 52
78	34/ 45	35/ 40	18/ 37	29/ 43	33/ 43	14/ 50	22/ 56	25/ 36	26/ 40	20/ 31	4/ 31	30/ 40	22/ 56
79	36/ 41	35/ 44	34/ 47	19/ 38	17/ 42	20/ 40	1/ 46	20/ 48	36/ 44	13/ 45	19/ 35	18/ 36	20/ 48
80	18/ 42	19/ 32	16/ 40	12/ 37	21/ 32	19/ 33	36/ 42	16/ 40	19/ 40	19/ 40	20/ 30	36/ 33	18/ 42
81	36/ 33	36/ 44	3/ 38	18/ 35	36/ 45	19/ 39	15/ 47	20/ 50	31/ 41	33/ 37	29/ 39	35/ 38	20/ 50
82	34/ 36	3/ 27	17/ 37	29/ 48	19/ 38	29* 53	1* 50	22/ 49	19/ 39	31/ 39	20/ 45	19/ 41	29* 53
83	34/ 33	35/ 35	33/ 35	36/ 43	31/ 50	28/ 38	19/ 30	32/ 29	36/ 39	17/ 36	33/ 38	1/ 33	31/ 50
84	1/ 33	29/ 38	36/ 34	26/ 47	20/ 34	15/ 56	18/ 30	22/ 26	18/ 46	18/ 40	18/ 40	4/ 34	15/ 56
85	2/ 37	36/ 32	36/ 37	20/ 44	13/ 31	34/ 42	33/ 25	12/ 40	18/ 32	20/ 43	18/ 38	34/ 35	20/ 44
86	32/ 37	35/ 40	24/ 47	16/ 48	17/ 44	19/ 46	32/ 40	4/ 32	18/ 37	17/ 32	36/ 37	17/ 29	16/ 48
MEAN	39.6	41.6	43.7	43.8	42.1	44.3	40.3	41.8	39.8	39.3	39.7	38.3	55.4
S.D.	5.614	6.983	6.691	5.755	7.944	7.009	8.353	12.349	8.078	5.366	7.462	5.024	10.170
TOTAL OBS	794	726	801	777	801	774	784	810	792	823	795	820	9499

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	4.7	5.4	5.1	2.3	.2	.2					19.2	10.1
NNE	.5	2.3	2.2	2.3	.4	.1						7.7	9.2
NE	.6	1.8	1.2	.6								4.3	6.6
ENE	.5	1.3	.8									2.6	5.0
E	.6	1.5	.9									3.0	5.6
ESE	.9	1.6	.4									2.9	4.4
SE	1.1	.6	.6	.2								2.6	5.2
SSE	.8	1.2	2.2	1.5	.6							6.2	9.2
S	1.5	3.5	4.0	1.6	.5	.3						11.5	8.0
SSW	1.3	1.9	1.3	.4	.1							5.1	6.3
SW	1.7	.9	.6	.4								3.7	5.4
WSW	.8	1.4	.4		.1							2.7	5.4
W	1.0	1.5	.3	.1								2.9	4.6
WNW	.3	.6	.5	.1	.1							1.7	7.4
NW	.3	.6	.4	.6	.2							2.3	9.0
NNW	1.2	1.1	2.2	2.5	.3							7.2	8.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.4	//////
TOTALS	14.5	26.7	23.3	15.5	4.7	.6	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	3.2	6.1	7.5	1.5	.8						20.0	10.8
NNE	1.2	2.2	2.0	2.3	.2	.2						8.1	8.8
NE	.2	2.0	1.8	.2								4.3	6.5
ENE	.8	.6	1.1	.3								2.8	6.6
E	.9	1.7	.5	.3								3.4	5.4
ESE	.5	1.0	.6									2.2	5.6
SE	.3	1.3	.6	.1								2.4	5.9
SSE	.8	1.3	2.5	1.1	.8							6.3	9.0
S	1.7	2.7	1.7	3.1	1.1							10.3	9.2
SSW	.8	2.0	1.2	.4								4.4	6.0
SW	.4	2.3	1.0	.3								4.0	6.0
WSW	1.1	1.5	.2									2.8	4.0
W	1.3	.8	.4									2.5	3.9
WNW	.5	1.1	.5		.1							2.3	6.1
NW	.3	.9	1.6	1.0	.5		.1					4.4	10.2
NNW	.5	1.5	2.8	1.4	.2							6.5	8.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.4	//////
TOTALS	12.2	26.0	24.8	18.1	4.4	1.0	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	3.9	7.2	6.1	1.5	1.0	.1					21.1	10.7
NNE	.8	1.7	2.7	2.4	1.0							8.5	9.5
NE	.6	1.3	1.4	.4	.1							3.9	6.8
ENE	.9	1.2	.9	.3								3.2	6.2
E	1.3	1.5	1.1	.2	.1							4.2	5.6
ESE	1.0	1.2	.1	.1								2.4	4.3
SE	1.0	1.1	1.0	.1								3.1	5.5
SSE	1.1	.9	2.2	1.9	.1							6.1	8.5
S	1.4	2.2	2.2	2.2	1.3	.4						9.6	10.0
SSW	1.2	1.5	1.0	.5								4.2	6.1
SW	.6	1.0	1.1	.3								3.0	6.3
WSW	.3	1.3	.4									2.0	5.1
W	1.0	1.3	.2	.1								2.6	4.6
WNW	.6	.8	.3	.2								1.9	5.2
NW	.9	.6	1.5	1.1								4.1	7.6
NNW	.3	1.6	2.7	2.3	.3							7.2	9.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.9	//////
TOTALS	14.2	22.9	25.8	18.3	4.4	1.4	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	3.2	6.8	8.5	2.3	.8	.2					22.7	11.3
NNE	.4	1.6	2.4	2.0	.6	.1						7.2	9.7
NE	.1	1.8	1.5	.8	.3							4.5	8.2
ENE	.3	.5	1.0	.3	.1							2.3	8.1
E	.6	1.3	1.2		.2							3.3	6.8
ESE	.2	.4	1.2	.4								2.3	8.3
SE	.4	.8	1.7	.2								3.1	6.8
SSE	.6	2.2	1.4	2.8	.4							7.4	9.3
S	1.7	1.5	2.3	3.3	1.3	.8						10.9	11.0
SSW	.8	1.8	2.3	1.8	.4							7.1	8.8
SW	.3	1.5	1.7	.8								4.3	7.5
WSW	.9	1.0	.3									2.2	4.4
W	.6	1.6	.6	.1								3.0	5.3
WNW	.5	.5	.5	.3								1.9	5.8
NW	.3	.6	.8	1.9	.1							3.7	9.6
NNW	.6	1.2	2.9	3.4	.4	.1						8.7	10.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.5	//////
TOTALS	9.6	21.6	28.5	26.7	6.2	1.7	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	3.3	5.2	7.0	3.8	.9	.2					21.1	12.0
NNE	.4	1.1	3.1	1.6	.9							7.1	10.3
NE	.3	.9	1.0	.5	.3							3.0	8.6
ENE	.4	.8	.5	.8	.1							2.6	8.3
E	.6	1.0	.4	.3								2.4	6.0
ESE	.1	.6	1.1	.5								2.4	8.5
SE	.1	1.1	1.1	.3	.1							2.7	8.3
SSE	.2	1.4	1.5	2.2	.2	.2						5.7	10.0
S	.5	2.4	3.7	2.9	2.0	.5	.2					12.3	11.4
SSW	.6	1.3	1.9	1.8	.8	.4						6.9	10.8
SW	.1	1.0	1.4	2.0	.1							4.6	10.0
WSW	.8	3.1	1.2	.4	.1							5.6	6.2
W	.4	2.2	1.6	.1								4.3	6.2
WNW	.3	.4	1.2	.4	.1	.1						2.6	9.1
NW	.5	1.1	1.1	1.1	.2	.2						4.2	9.1
NNW	.5	1.5	3.2	3.9	.8	.8						10.6	11.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.0	//////
TOTALS	6.9	23.0	29.1	25.9	9.5	3.1	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: [illegible]
MONTH: JAN HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	1.0	2.7	5.6	6.8	2.0	.5						18.6	11.7
NNE	.8	1.7	2.9	3.1	.3							8.9	9.5
NE	.5	.5	1.2	.6	.3							3.2	8.7
ENE	.5	1.2	.6									2.4	7.2
E	.5	1.2	1.1	.3								3.1	8.8
ESE	.2	.9	.8	.3								2.2	7.
SE	.3	.9	1.0	.5								2.7	7.8
SSE		1.7	1.6	1.3	.5							5.2	9.7
S	.4	1.8	4.1	3.4	1.3	.6						11.7	11.3
SSW	.9	1.9	2.9	2.0	.4							8.2	8.7
SW	.9	.9	1.1	.9								3.7	7.2
WSW	.5	1.7	1.5	.4	.1							4.3	7.1
W	.4	1.2	1.2	.3								3.1	6.8
WNW	1.1	.9	1.1	.1	.1	.2						3.4	7.1
NW	.3	1.2	1.6	1.0	.3	.2						4.6	9.7
NNW	.8	1.8	2.4	4.8	1.5	.8		.1				12.2	1[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	9.1	21.7	30.5	26.0	7.0	2.4		.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

[illegible] CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible] WIND [illegible]
AFCCC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 72456 STATION NAME: MCCONNELL AFB KS PERIOD: [illegible]
MONTHS: JAN HOURS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN WIND
N	1.8	4.5	4.5	1.9	1.3	.2						[illegible]	[illegible]
NNE	1.2	1.0	2.9	1.6	.4	.2						[illegible]	[illegible]
NE	.3	1.9	1.6	.1	.1							[illegible]	[illegible]
ENE	.2	1.3	.4									[illegible]	[illegible]
E	.1	1.5	1.4	.1								[illegible]	[illegible]
ESE	.1	1.2	.8	.3								[illegible]	[illegible]
SE	.2	.8	.9	.4								[illegible]	[illegible]
SSE	1.0	1.0	2.7	1.6	.1							[illegible]	[illegible]
S	3.1	2.7	4.4	1.5	.3	.2						[illegible]	[illegible]
SSW	1.2	2.0	.9	.4								[illegible]	[illegible]
SW	.5	1.0	.5									[illegible]	[illegible]
WSW	.8	.6	.2									[illegible]	[illegible]
W	1.1	.8	.7									[illegible]	[illegible]
WNW	.4	1.5	.7									[illegible]	[illegible]
NW	.5	.6	.9	.8	.1							[illegible]	[illegible]
NNW	.5	1.8	2.3	1.1	.6	.1						[illegible]	[illegible]
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////
TOTAL%	13.1	27.3	29.9	16.2	5.0	.9						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (TENS DEG)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	3.0	4.4	4.8	1.6	.5						16.2	10.1
NNE	2.2	2.2	2.0	3.0	.3	.1						9.8	8.4
NE	.9	1.2	.5	.6								4.2	6.2
ENE	.4	1.0	.9	.1								2.4	5.7
E	1.2	1.9	1.0	.2								4.3	5.2
ESE	.5	.9	1.5									2.9	6.0
SE	.5	1.2	.9	.1								2.7	5.8
SSE	.3	1.7	2.4	1.7	.3							6.5	8.7
S	3.7	3.5	4.2	1.1	.9	.2						13.7	7.1
SSW	1.0	.9	1.9	.5								4.3	7.0
SW	.5	1.5	.1									2.2	4.5
WSW	.2	1.0	.2									1.4	5.6
W	1.3	.9	.8	.2								3.1	5.3
WNW	.3	.2	.2									.8	4.4
NW	.4	1.6	1.3	.3								3.7	6.5
NNW	1.2	2.3	2.3	2.5	.5							8.7	9.0
VARIABLE													
CALM												13.4	//////
TOTALS	16.5	25.4	24.5	15.3	3.7	.9						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	3.6	5.6	6.5	2.0	.6	.1					19.7	10.8
NNE	.9	1.8	2.5	2.3	.5	.1						8.1	9.2
NE	.5	1.6	1.3	.5	.1							3.9	7.2
ENE	.5	1.0	.8	.2	.0							2.5	6.3
E	.8	1.6	.9	.2	.0							3.5	5.9
ESE	.4	1.0	.8	.2								2.4	6.3
SE	.5	1.0	1.0	.3	.0							2.7	6.6
SSE	.6	1.5	2.0	1.8	.4	.0						6.4	9.0
S	1.8	2.5	3.3	2.4	1.1	.4	.0					11.5	9.4
SSW	.9	1.7	1.7	1.0	.2	.1						5.6	7.8
SW	.6	1.2	.9	.6	.0							3.4	6.8
WSW	.7	1.5	.6	.1	.0							2.8	5.5
W	.9	1.3	.7	.1								3.0	5.2
WNW	.5	.8	.6	.1	.1	.0						2.1	6.5
NW	.5	.9	1.1	1.0	.2	.1	.0					3.7	8.8
NNW	.7	1.6	2.6	3.0	.6	.2		.0				8.7	10.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.9	//////
TOTALS	12.0	24.4	26.5	20.2	5.4	1.5	.1	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-5	GE 56	TOTAL %	MEAN WIND
N	1.8	2.4	4.1	6.3	1.5	.1	.1					16.3	10.4
NNE	1.3	2.2	1.7	2.1	.6							7.9	8.5
NE	1.1	1.4	.9	.7	.1							4.3	6.4
ENE	.8	.9	.1	.5								2.4	5.8
E	.4	.9	.9	.2	.1	.1						2.7	7.6
ESE	.9	1.3	.6									2.8	5.0
SE	.9	1.5	1.9	.1								4.5	6.2
SSE	2.1	2.4	2.8	1.2								8.5	6.4
S	2.7	3.4	4.7	5.3	.4	.2						16.8	8.7
SSW	1.1	1.3	1.2	.7								4.3	6.7
SW	.7	.9	.6	.1								2.4	5.1
WSW	1.1	.7	.4									2.1	4.1
W	.4	.7	.1	.5								1.7	7.3
WNW	.5	.2	.2									.9	4.5
NW	.1	.7	1.1	.5	.1							2.5	8.9
NNW	.7	1.7	.8	2.0	.5	.1						5.8	9.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.2	//////
TOTALS	16.5	22.8	22.2	20.2	3.3	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	2.2	4.1	6.6	2.2	.1						18.0	10.5
NNE	1.7	1.9	2.0	1.4	.1							7.1	7.0
NE	.7	1.1	1.4	.8								4.0	7.7
ENE	.5	.9	.7	.1								2.2	6.3
E	.8	1.2	.6	.2		.1						3.0	6.2
ESE	.9	.4	.7			.1						2.1	5.7
SE	1.2	1.7	1.5	.1								4.5	5.8
SSE	1.9	3.5	3.4	.6	.1							9.6	6.4
S	1.9	2.7	4.4	3.5	.4							12.9	8.6
SSW	1.2	.8	1.9	.7	.1							4.7	7.3
SW	.7	.4	.1		.1							1.3	4.5
WSW	1.1	.7	.4	.4								2.5	5.1
W	.2	.8	.2	.4								1.7	7.2
WNW	.1	.6	.4	.2								1.3	7.0
NW	.1	.7	1.8	1.1	.2							3.9	9.7
NNW	2.0	1.4	1.3	2.5	.6							7.8	8.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.5	//////
TOTALS	17.6	21.0	24.9	18.7	3.9	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.7	7.2	5.2	2.7	.8	.1					20.6	11.0
NNE	1.3	2.8	2.0	.9	.6							7.7	7.4
NE	.7	1.2	.9	.8								3.7	7.3
ENE	.5	.5	.6	.2								1.8	6.5
E	.7	1.7	1.2	.5								4.0	6.2
ESE	.9	.9	.2									2.1	4.0
SE	1.1	1.8	1.7	.7								5.2	6.4
SSE	1.5	2.5	2.2	1.8	.1							8.2	7.2
S	3.0	3.2	4.4	3.3	.8	.2						14.9	8.2
SSW	1.1	.7	.8	.4	.1							3.1	6.4
SW	1.3	.5	.6	.2								2.6	5.0
WSW	.1	.6	.4	.2								1.3	7.0
W	.7	.6	.2	.1	.1							1.8	5.7
WNW	.1	.6	.1									.8	5.6
NW	.4	.5	1.3	.9								3.1	8.8
NNW	.7	1.2	2.1	2.6	.2	.1						7.0	10.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.3	//////
TOTALS	15.8	21.9	26.0	18.0	4.7	1.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.7	5.4	7.1	3.8	1.1	.4					20.1	13.1
NNE	.6	2.4	2.8	1.3	.4							7.4	8.4
NE	.9	2.1	1.5	.8								5.4	6.8
ENE	.4	1.1	1.3									2.7	6.3
E	.1	1.1	1.5	.6								3.3	7.9
ESE	.1	1.1	.4	.1								1.7	6.1
SE	.7	.7	1.1	.1								2.6	5.7
SSE	.2	1.7	2.8	3.8	.5	.2						9.2	10.5
S	1.2	2.6	3.9	5.9	1.8	.4						15.7	10.8
SSW	1.4	.9	2.1	2.0		.1						6.6	8.3
SW	.5	.6	.5	.8	.1	.1						2.6	8.5
WSW	.6	.7	.5	.1	.1							2.0	6.0
W	.1	1.4	.2	.6	.1							2.5	8.0
WNW	.1	.4	.9	.5								1.9	7.9
NW	.1	.7	.9	.1								1.9	7.0
NNW	.5	1.3	1.8	2.2	2.1	.4						8.3	12.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.0	//////
TOTALS	8.3	20.3	27.8	26.1	8.9	2.2	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(CST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.8	4.3	5.9	2.5	1.3	.4					16.5	12.8
NNE	.6	.9	2.8	3.5	.2							8.2	10.1
NE	.4	.8	.9	.5	.1							2.7	7.9
ENE	.2	.7	1.4	.4								2.7	7.7
E	.4	.9	1.8	.7		.1						3.9	9.2
ESE	.2	.1	.7									1.1	6.9
SE	.2	.7	.7	.5								2.1	7.7
SSE	1.1	1.2	1.2	1.9	1.2							6.5	10.1
S	1.3	2.5	2.7	5.0	3.2	.8						15.5	11.8
SSW	.4	2.7	2.6	4.3	1.3							11.2	10.4
SW	.2	.8	2.1	1.4								4.6	9.3
WSW	.1	.6	1.3	.5								2.5	8.4
W	.6	1.4	1.4	.2	.2							3.9	6.7
WNW	.4	1.2	.4	1.1	.4	.1	.1					3.5	10.1
NW	.2	.9	1.3	.9	.5							3.9	9.5
NNW	.4	1.2	2.4	2.4	1.4	.4						8.0	11.7
VARIABLE													
CALM												3.1	
TOTALS	7.1	16.6	28.0	29.1	11.0	2.7	.5					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.5	5.2	6.0	2.1	.7	.1					16.3	12.0
NNE	.6	1.1	1.9	3.1	.5							7.1	10.2
NE	.5	1.2	.9	.7	.1							3.4	7.5
ENE	.6	.9	1.1	.4								3.0	6.9
E	.2	.9	1.5	.6								3.3	7.4
ESE	.6	.5	.6	.2								1.9	6.1
SE	.7	1.2	1.1	.6	.2							3.8	7.4
SSE	.5	1.1	1.8	3.1	.9	.1						7.4	11.3
S	1.7	1.4	3.3	5.7	2.0	.5						14.5	11.4
SSW	.6	1.5	2.4	3.4	.6	.2						8.7	10.6
SW	.2	.8	1.5	.7	.1							3.4	8.7
WSW	.2	2.2	.8	.1								3.4	5.8
W	1.1	.9	1.4	.5	.1							4.0	6.9
WNW	.1	.9	1.1	.9	.4							3.4	9.7
NW	.6	1.1	1.2	1.1	.8							4.7	9.8
NNW	.4	1.5	2.4	2.7	1.7	.6	.1					9.3	12.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.1	//////
TOTALS	9.1	18.9	28.1	29.8	9.6	2.1	.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	3.4	6.4	4.5	2.4	.4						18.1	1[illegible].5
NNE	.9	1.4	2.0	1.5	.4							6.6	8.5
NE	.6	1.2	.9	.4								3.1	6.9
ENE	.5	1.5	.6	.4								3.0	6.3
E	.9	1.9	1.4	.4								4.6	5.9
ESE	1.1	1.3	.9	.2	.1							3.7	6.0
SE	1.5	2.4	1.2	.1								5.2	5.0
SSE	1.2	1.5	1.9	1.2	.1	.1						7.1	8.[illegible]
S	1.8	4.3	4.5	4.5	.5							15.6	8.3
SSW	.7	1.5	1.3	.7								4.3	7.2
SW	.3	.7	.8	.4								1.7	6.9
WSW	.7	.5	.7									1.9	7.1
W	.7	.8										1.5	5.2
WNW	.2	.4	.1	.2	.1							1.2	8.4
NW	.8	1.1	1.3	1.1	.2							4.5	8.[illegible]
NNW	.9	1.7	1.7	1.4	.8	.1						8.	9.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.1	//////
TOTALS	17.3	27.[illegible]	25.8	17.3	4.6	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 496

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.0	5.9	5.1	2.1	.4						16.8	10.9
NNE	.8	2.4	2.8	1.4	.7	.1						8.3	8.8
NE	.8	1.1	.8	.2								3.0	5.9
ENE	.8	1.3	.8	.2								3.2	5.5
E	.9	1.8	.9	.4								4.0	5.6
ESE	.8	.9	1.5	.2								3.5	6.0
SE	.9	1.9	1.4	.4								4.6	6.1
SSE	1.2	3.0	2.5	1.8								8.4	7.1
S	1.2	2.6	3.4	5.4	.5							13.1	9.6
SSW	1.1	1.3	1.8	.7	.1							5.0	6.9
SW	.2	.7	.5									1.4	5.4
WSW	.7	.1	.2	.2								1.3	5.5
W	.2	.5	.2	.2								1.2	6.3
WNW	.6	.6	.2	.2								1.7	5.9
NW	.4	1.2	.8	.4								2.7	6.9
NNW	.6	1.2	1.5	1.2	.6	.2						5.3	10.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.5	//////
TOTALS	12.6	22.5	25.5	18.1	4.0	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.2	5.3	5.8	2.4	.6	.1					17.8	11.4
NNE	1.0	1.9	2.3	1.9	.4	.0						7.5	8.6
NE	.7	1.3	1.1	.6	.0							3.7	7.0
ENE	.5	1.0	.8	.3								2.6	6.4
E	.6	1.3	1.2	.4	.0	.0						3.6	6.8
ESE	.7	.8	.7	.1	.0	.0						2.4	5.7
SE	.9	1.5	1.3	.3	.0							4.1	6.2
SSE	1.2	2.1	2.3	1.9	.4	.1						8.0	8.3
S	1.8	2.8	3.9	4.8	1.2	.3						14.9	9.7
SSW	.9	1.4	1.8	1.6	.3	.0						6.0	6.6
SW	.5	.7	.8	.5	.0	.0						2.5	7.2
WSW	.6	.8	.6	.2	.0							2.1	5.9
W	.5	.9	.5	.3	.1							2.3	6.6
WNW	.3	.6	.4	.4	.1	.0	.0					1.8	8.2
NW	.3	.9	1.2	.8	.2							3.4	8.8
NNW	.8	1.5	1.7	2.2	1.0	.2	.0					7.4	10.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.9	//////
TOTALS	12.6	21.6	26.0	22.1	6.2	1.3	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 00:00-23:00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR	TOTAL %	MEAN WIND
N	1.9	2.2	2.5	4.1	1.7	.2						12.6	10.4
NNE	1.0	2.4	1.9	.8	.4		.1					6.6	8.0
NE	.8	2.0	1.6	.5	.3							5.3	7.3
ENE	1.5	2.7	1.3	.3								5.8	5.5
E	1.7	2.0	2.2	.9								6.8	6.7
ESE	1.5	1.7	1.1	.3								4.6	5.4
SE	1.3	1.0	1.6	1.1								4.9	7.2
SSE	.6	1.9	3.0	4.2	.5							10.3	10.0
S	.9	2.7	2.2	4.1	1.9	1.0						12.7	11.5
SSW	.8	1.0	1.3	1.0	.5							4.5	8.9
SW	.3	.1	.2	.1								.8	6.3
WSW	.3	.5		.1								1.0	4.8
W	.8	1.2	.5	.1								2.6	5.0
WNW	.2	.4	.6	.1	.3							1.7	9.2
NW	.6	1.0	.9	1.8	.2							4.5	9.5
NNW	.4	.5	1.6	1.8	.5	.2						5.2	11.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.2	//////
TOTALS	14.6	23.3	22.5	21.3	6.6	1.4	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	2.0	2.7	5.2	.9	.4						12.9	10.5
NNE	.9	1.9	2.2	1.1	.3	.2						6.6	8.2
NE	.6	1.5	1.8	.6	.2							4.8	7.7
ENE	1.6	1.7	1.9	.6								5.9	6.3
E	1.4	2.4	1.9	.9								6.6	6.1
ESE	.4	1.3	.6	.5								2.9	6.5
SE	.5	1.0	2.4	1.0								4.8	8.1
SSE	.9	1.7	2.3	2.9	.5							8.3	9.6
S	1.5	2.4	2.5	4.4	2.9	.2						13.9	11.2
SSW	.3	1.9	.4	.8	.1							3.5	7.5
SW	.5	.8	.4	.5	.1							2.4	7.2
WSW	.5	.2	.4									1.2	4.8
W	.3	.5	.4	.2								1.5	6.2
WNW	.1	.6	.5	.2	.1							1.6	7.8
NW	.3	1.5	.3	2.2	.3	.3						4.9	11.0
NNW	.2	1.5	1.1	2.5	1.0	.3						6.6	11.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.6	//////
TOTALS	11.9	23.0	21.9	23.5	6.5	1.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.5	2.4	6.0	1.1	.5						13.5	11.1
NNE	.4	.6	1.7	1.6	.3							4.7	9.7
NE	1.1	1.6	1.6	.8	.1							5.2	8.9
ENE	.6	2.5	1.5	1.1								5.7	7.2
E	1.4	2.6	2.5	1.0								7.4	7.8
ESE	.3	1.3	1.2	.1								2.9	7.4
SE	.5	1.3	1.8	1.0	.1							4.7	8.1
SSE	1.0	2.6	3.4	2.4	.8	.1						10.2	9.7
S	1.4	2.7	2.7	4.3	2.5	.2						13.8	11.[illegible]
SSW	.1	1.0	.6	1.2	.3							[illegible]	[illegible]
SW	.8	.4	.2	.3								1.7	[illegible]
WSW	.6	.3	.3	.1								1.4	6.8
W	.1	.5	.2	.2	.1							1.2	7.8
WNW	.6	.4	.8	.4								2.1	7.4
NW	.4	1.4	1.1	1.5	.1	.2						4.7	9.5
NNW	.5	1.4	1.6	2.3	1.2	.9						7.8	[illegible]
VARIABLE													
CALM												9.7	//////
TOTALS	11.1	23.1	23.7	24.2	6.6	1.7						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.3	4.1	6.0	2.8	.4						15.2	12.7
NNE	.6	1.1	1.7	1.3	.1							4.8	8.5
NE	.6	1.0	.9	1.5	.4							4.4	9.7
ENE	.4	1.6	2.2	1.0	.2							5.4	8.2
E	.5	1.9	2.5	.5	.1							5.6	7.2
ESE	.3	1.1	1.5	.5								3.4	7.5
SE	.2	.5	1.9	1.5								4.2	9.5
SSE	.3	1.4	2.7	4.4	1.7	.3						10.9	11.9
S	.5	.9	3.4	5.2	2.9	1.6	.1					14.6	13.8
SSW	.2	1.2	2.0	2.0	1.0	.5						7.0	11.9
SW	.4	.5	1.0	.2	.3	.1						2.6	8.9
WSW	.5	.5	.3	.9	.3							2.6	10.0
W	.9	1.0	.6	.2	.2							2.9	6.4
WNW	.3	.6	.4	1.0	.4	.1						2.9	10.7
NW	.1	.3	1.2	1.4	.4	.2						3.7	12.4
NNW	.3	1.7	1.6	2.5	1.0	.6	.2					8.0	12.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.9	//////
TOTAL*	7.0	16.7	28.1	30.1	11.9	4.0	.3					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.7	3.8	5.7	2.6	.4						14.7	12.3
NNE	.2	.8	1.6	1.5	.1							4.2	9.8
NE	.2	.8	1.3	1.5								3.8	9.3
ENE	.5	.5	.8	.9	.1							2.8	8.1
E	.6	1.4	1.7	.4	.1							4.3	7.1
ESE		.9	1.6	.4								2.9	8.5
SE	.5	1.4	1.2	.9								4.0	7.6
SSE	.5	1.2	2.2	3.8	1.8	.6						10.1	12.6
S	.3	1.1	2.7	5.5	4.0	2.8	.4					16.8	15.4
SSW	.4	.8	1.9	2.2	1.3	1.3	.1					8.0	13.5
SW	.1	1.2	1.0	1.4	.2							3.9	9.8
WSW	.9	1.0	.9	.6	.1							3.4	7.0
W	.3	.5	.8	.5	.6							2.8	10.9
WNW	.1	.4	.9	.4	.3	.2						2.4	11.9
NW	.3	.9	1.1	1.4	.8	.1						4.5	1..4
NNW	.4	1.2	1.9	4.1	1.5	.5	.3					10.0	13.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.5	//////
TOTALS	6.1	15.6	25.2	31.2	13.5	6.0	.9					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	2.5	3.1	6.5	1.8	.3						14.7	11.5
NNE	.4	1.1	1.6	1.6	.1							4.8	9.2
NE	.1	.9	1.1	1.1								3.1	8.5
ENE	.2	.4	1.0	.9	.2							2.7	9.6
E	.8	1.2	1.7	.1								3.8	6.6
ESE	.5	1.0	1.6	.9	.1							4.1	8.0
SE	.3	.4	1.0	1.3								3.0	9.3
SSE	.3	1.1	2.7	3.9	1.4	1.0						10.3	12.6
S	.4	1.3	3.3	4.7	6.5	1.5	.3					18.1	14.9
SSW	.1	.4	1.3	2.8	1.3	1.0						6.9	14.4
SW	.2	.9	1.6	.6	.1							3.4	8.3
WSW	.3	.2	1.3	.8	.3	.1						3.0	10.4
W		.9	1.4	.6	.1	.3						3.3	10.8
WNW	.2	.2	.8	1.0	.4	.2						2.8	12.0
NW	.3	.6	1.0	.8	.6							3.3	10.4
NNW	.3	1.2	2.5	5.7	1.0	.4	.1					11.2	12.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.4	//////
TOTALS	5.2	14.2	26.9	33.1	14.0	4.8	.4					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	3.5	4.2	5.2	1.0	.4						16.0	9.7
NNE	1.0	2.3	1.5	2.3	.3							7.3	8.5
NE	.8	1.2	.8	.4	.1							3.2	6.8
ENE	1.1	.5	1.2	.5	.2							3.5	7.5
E	1.7	1.1	1.5	.9								5.2	6.5
ESE	.2	.9	1.8	.3	.1							3.3	8.1
SE	.3	1.5	1.6	.3	.3							4.1	8.1
SSE	.9	2.3	4.5	2.7	.9	.1						11.3	9.3
S	1.3	3.7	4.9	6.2	1.7	.6						18.5	10.7
SSW	.5	1.1	.9	.4	.4							3.3	8.5
SW	.1	1.0	.2	.2								1.5	5.6
WSW	.3	.4	.3	.1								1.2	5.7
W	.6	1.1	.4	.1	.1							2.4	5.5
WNW	.2	.3	1.1	.6	.3							2.6	10.3
NW	.2	.9	1.3	1.0	.1	.2						3.7	9.8
NNW	.4	1.1	1.7	2.2	.6	.1						6.1	10.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.8	//////
TOTALS	11.4	22.7	28.0	23.4	6.2	1.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.4	3.0	3.3	.5	.4						11.3	9.5
NNE	1.1	2.3	2.2	1.8	.6	.2						8.2	9.2
NE	1.8	1.2	1.5	1.0								5.5	6.1
ENE	1.0	1.2	1.1	.5								3.8	6.3
E	1.7	1.5	2.8	.9	.3							7.2	7.2
ESE	.6	1.4	1.3	.5								3.9	6.8
SE	.8	1.4	2.6	1.8								6.6	8.3
SSE	1.0	2.7	4.7	2.9	.4	.3						12.0	9.1
S	2.3	2.4	1.7	5.4	2.0	.5						14.3	10.8
SSW	.4	.6	.8									1.8	6.0
SW	.4	.2	.1	.1								.9	5.0
WSW	.3	.5	.2									1.1	4.6
W	.8	.5	.8	.1								2.2	6.2
WNW		.5	.3	.1	.4							1.4	10.7
NW	.1	.8	.6	.4	.5							2.5	9.7
NNW	.4	1.0	1.7	2.0	.6	.4						6.2	11.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.3	//////
TOTALS	14.3	20.5	25.4	21.0	5.6	1.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.3	3.2	5.2	1.5	.4						13.8	11.0
NNE	.7	1.5	1.8	1.5	.3	.1	.0					5.9	8.8
NE	.8	1.3	1.3	.9	.1							4.4	7.7
ENE	.9	1.4	1.4	.7	.1							4.4	7.1
E	1.2	1.8	2.1	.7	.1							5.8	6.7
ESE	.5	1.2	1.3	.5	.0							3.5	7.1
SE	.6	1.1	1.8	1.1	.1							4.5	8.2
SSE	.7	1.9	3.2	3.4	1.0	.3						10.4	10.5
S	1.1	2.1	2.9	5.0	3.1	1.1	.1					15.3	12.5
SSW	.4	1.0	1.2	1.3	.6	.3	.0					4.8	11.2
SW	.4	.6	.6	.4	.1	.0						2.1	7.8
WSW	.5	.5	.5	.3	.1	.0						1.9	7.4
W	.5	.8	.6	.3	.1	.0						2.4	7.6
WNW	.2	.5	.7	.5	.3	.1						2.2	10.2
NW	.3	.9	.9	1.3	.4	.1						4.0	11.5
NNW	.4	1.2	1.7	2.9	.9	.4	.1					7.6	11.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.8	//////
TOTALS	10.2	19.9	25.2	26.0	8.9	2.9	.2					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	2.3	3.0	1.3	.1							7.7	7.9
NNE	.9	1.7	1.2	.6	.3							4.7	7.4
NE	1.1	2.2	.9	.8	.3							5.3	6.8
ENE	1.6	2.1	1.4	.7	.1							5.9	6.4
E	1.4	2.4	2.6	1.6	.1	.1						8.2	7.5
ESE	.7	1.9	1.3	.9	.1	.1						4.9	7.5
SE	.8	1.6	.8	.9	.3	.1						4.4	7.7
SSE	1.4	3.2	2.3	3.3	.3	.1	.2					11.0	9.0
S	.9	2.6	3.4	5.9	1.9	.4						15.0	11.0
SSW	.7	.4	1.2	1.1	.1							3.6	8.8
SW	.2	.1	.3	.9								1.6	9.7
WSW	.4	.9	.4	.1								1.9	5.4
W	.3	1.0	.6	.2								2.1	5.8
WNW	.4	.7	.2	.6	.1	.2						2.2	9.6
NW	.3	.9	1.0	1.1	1.2	.8						5.3	12.8
NNW	.3	1.6	1.7	1.7	.8	.1						6.1	10.1
VARIABLE													
CALM	//											10.1	//////
TOTAL	12.4	25.6	22.4	21.3	5.9	2.0	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	3.2	3.1	2.6	.3	.1						[illegible]	[illegible]
NNE	.6	2.1	1.3	.9	.2	.1						[illegible]	[illegible]
NE	1.0	2.1	1.1	.7								[illegible]	[illegible]
ENE	1.1	1.0	1.9	1.2								[illegible]	[illegible]
E	1.7	3.2	2.0	.3								[illegible]	[illegible]
ESE	.9	1.0	1.8	.7	.2							[illegible]	[illegible]
SE	.6	1.3	1.3	1.8	.2	.1						[illegible]	[illegible]
SSE	.9	2.2	2.2	2.9	.4	.2	.1					[illegible]	[illegible]
S	1.3	2.4	3.0	6.1	2.0	.1						[illegible]	[illegible]
SSW	.4	.8	1.7	.3	.1							[illegible]	[illegible]
SW	.6	.6	.6									[illegible]	[illegible]
WSW	.4	.4	.9	.3	.1							[illegible]	[illegible]
W	.9	1.2	.7	.3								[illegible]	[illegible]
WNW	.8	.7	.8	.2	.1							[illegible]	[illegible]
NW	.3	1.0	1.1	1.0	.9							[illegible]	[illegible]
NNW	.3	1.8	2.3	1.1	1.1	.6						[illegible]	[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	[illegible]	//////
TOTALS	12.3	25.1	25.8	20.4	5.8	1.2	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 900

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[illegible]
AIR WEATHER SERVICE/MAC

STATION NAME: MC CONNELL AFB [illegible]                              [illegible]

....................................................................................................
                                WIND SPEED IN KNOTS
[illegible]                                                                      TOTAL    MEAN
                                                                                   %      WIND
....................................................................................................
[illegible]
....................................................................................................
 VARIABLE  !
 CALM      !////////////////////////////////////////////////////////////////  [illegible]
 TOTAL     !   9.8   21.8   26.9   [illegible]   [illegible]   [illegible]      [illegible]
....................................................................................................

TOTAL NUMBER OF OBSERVATIONS:  [illegible]
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NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.2	2.8	4.8	1.1	.2	.1					13.7	11.7
NNE	.6	1.0	1.7	2.0	.1	.1						5.6	9.4
NE	.6	1.1	2.2	.7								4.6	7.8
ENE	.6	1.3	2.7	.6		.1						5.2	7.9
E	1.2	.7	2.6	.8	.1							5.3	7.3
ESE	.1	.7	1.4	1.2	.2							3.6	12.0
SE	.2	1.0	1.2	2.3	.1							5.0	10.0
SSE	.4	1.3	1.9	1.4	1.6	.2						8.3	11.5
S	.4	.9	1.6	7.4	4.1	1.8						16.2	15.0
SSW	.4	.6	1.4	1.6	1.0	.4						4.4	13.4
SW	.1	1.0	.3	1.6	.2	.2						3.4	10.9
WSW	.1	.4	1.3	.4								2.4	8.8
W		.3	.6	.3	.3	.1						2.5	11.3
WNW	.4	1.1	.4	1.1	.1	.1						3.4	9.2
NW	.3	.3	.5	1.4	.3	.3						4.3	11.5
NNW	.3	.4	1.3	3.3	1.4	.3						7.6	12.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	6.3	13.4	29.1	36.4	10.9	4.3	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.7	3.8	4.4	1.9	.4						11.7	12.7
NNE	.4	.7	1.0	1.2	.3							3.7	10.1
NE	.3	2.2	1.7	1.0								5.2	7.6
ENE	.6	1.0	1.2	1.3	.1							4.2	8.3
E	.7	1.3	2.3	1.0	.1							5.4	8.1
ESE	.4	.8	1.3	.7								3.2	7.9
SE	.3	1.4	2.1	2.2	.1							6.2	9.4
SSE	.8	.9	1.6	2.7	1.8	.6						8.2	12.8
S	.2	.7	1.8	4.6	6.0	2.6						15.8	16.4
SSW	.1	.3	1.3	4.0	1.4	1.2	.1					8.6	14.8
SW	.3	.2	.7	1.8	.2	.1						3.3	12.0
WSW	.3	.9	.7	.6	.1	.1	.1					2.8	9.0
W	.2	.9	1.1	1.2	.1	.4						4.0	10.8
WNW	.1	.4	1.1	.7	.9	.1						3.3	12.3
NW		.1	.9	1.9	.6	.2						3.7	15.6
NNW	.1	.9	2.8	3.3	1.7	.6						9.3	12.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.3	//////
TOTALS	5.4	13.4	25.3	32.6	15.3	6.3	.2					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.7	2.7	5.8	1.4	.7	.2					12.9	12.5
NNE	.2	.3	1.3	1.4		.1						3.4	10.4
NE	.2	1.0	1.1	1.1	.3							3.8	9.4
ENE	.3	.6	1.3	.3								2.6	7.4
E	.8	1.7	3.4	1.2	.2							7.3	8.2
ESE	.2	1.6	1.7	1.2								4.7	8.3
SE	.1	.9	1.2	1.7	.3							4.2	10.4
SSE	.9	.8	1.3	3.4	1.4	.7						8.6	12.7
S	.3	.8	2.1	6.7	4.6	2.6	.3					17.3	15.7
SSW		.8	1.0	2.9	1.7	.8						7.1	14.5
SW	.1	.7	1.1	.9	.1	.1						3.0	9.9
WSW	.1	.3	.6	.3	.2		.1					1.7	11.3
W	.3	1.2	.7	1.2	.3	.4	.2					4.4	11.6
WNW	.1	.6	.9	.8	.6	.7	.1					3.7	14.0
NW	.1	.6	1.0	2.9	.4	.2						5.2	12.6
NNW	.3	1.4	1.9	3.3	1.4	.3						8.8	11.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.3	//////
TOTALS	4.7	14.8	23.3	35.2	13.1	6.6	1.0					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.1	4.7	3.7	1.1	.2						12.8	10.5
NNE	.8	1.4	2.4	1.2								5.9	7.8
NE	1.1	2.0	.9	.7	.1							4.8	7.4
ENE	1.1	1.6	1.6	.8	.2							5.2	7.[illegible]
E	1.0	2.1	2.0	.9	.1	.2						6.3	7.6
ESE	.9	1.4	1.9	1.0	.1							5.3	7.5
SE	.2	2.0	1.3	1.1	.1							4.8	7.8
SSE	1.1	2.0	2.9	3.2	1.2	.3						10.8	10.[illegible]
S	1.1	2.0	2.3	6.3	2.3	.8						14.9	1[illegible].3
SSW	.6	1.2	1.3	1.6	.2							4.9	8.9
SW	.2	.2	.8	.1	.2							1.6	9.4
WSW	.4	.4	.2									1.1	8.4
W	.6	.8	.7	.2	.2	.1						2.6	9.2
WNW	.2	1.0	.4	.6	.2	.2	.1					2.3	11.1
NW	.2	.7	.9	1.4	.3	.2	.3					4.4	1[illegible].1
NNW	.3	1.6	1.9	1.7	.2	.3						6.[illegible]	9.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.9	//////
TOTALS	10.9	22.6	26.2	24.4	6.8	2.4	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.9	3.0	1.8	.7							9.6	8.2
NNE	1.1	2.2	1.3	1.0	.1							6.0	7.0
NE	1.1	1.8	.6	.7	.2							4.6	6.6
ENE	1.1	1.8	2.2	.4								5.8	7.2
E	1.8	4.2	2.9	1.1		.4						10.4	8.9
ESE	1.1	1.8	1.6	.5	.1							4.8	6.6
SE	1.0	2.2	1.9	.9	.1							6.1	8.9
SSE	1.1	1.6	2.9	3.4	1.0	.2	.1					10.3	10.4
S	.9	1.3	3.4	4.7	1.8	.4						12.6	11.7
SSW		.7	1.4	.6								2.7	8.5
SW	.2	.1	.1	.1		.1						.9	7.9
WSW	.5	.6	.2		.1							1.2	6.2
W	1.0	.9		.2	.1							2.2	5.2
WNW	.2	.4	.2	.3	.6	.1	.1					2.0	12.8
NW	.2	.6	.7	1.4	.7	.2	.1	.1				3.7	13.4
NNW	.9	1.8	.8	1.8	.2	.2						5.7	9.2
VARIABLE													
CALM												11.6	
TOTALS	14.2	24.4	23.1	18.8	5.7	1.8	.3	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	2.1	3.3	3.7	.9	.2	.0					11.[illegible]	1[illegible].5
NNE	.8	1.4	1.5	1.2	.2	.0						5.[illegible]	[illegible]
NE	.8	1.7	1.2	.9	.1							4.7	7.1
ENE	.9	1.3	1.9	.8	.1	.0						5.[illegible]	7.3
E	1.2	2.3	2.4	1.0	.1	.1						7.1	7.2
ESE	.7	1.2	1.6	.9	.1	.0						4.5	7.7
SE	.5	1.4	1.4	1.6	.2	.0						5.2	[illegible]
SSE	.9	1.8	2.1	3.1	1.1	.3	.1					9.4	1[illegible].8
S	.7	1.6	2.7	5.9	3.2	1.1	.0					15.3	1[illegible].3
SSW	.3	.8	1.4	1.7	.6	.4	.0					5.2	11.6
SW	.3	.4	.6	.7	.1	.1						2.1	9.5
WSW	.3	.6	.6	.3	.1	.0	.0					2.0	7.7
W	.4	.9	.6	.6	.1	.1	.0					2.9	8.8
WNW	.3	.7	.6	.7	.3	.2	.0					2.9	10.8
NW	.2	.7	.9	1.6	.6	.3	.1	.0				4.4	12.3
NNW	.4	1.5	1.9	2.3	1.0	.3						7.3	11.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.2	//////
TOTALS	9.5	20.4	24.7	26.9	8.7	3.3	.3	.0				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	1.8	3.1	1.6	1.5	.3	.1						8.5	7.2
NNE	1.3	2.3	1.1	.6	.1							5.4	6.1
NE	1.8	2.0	.6									4.5	4.1
ENE	1.9	2.3	.9	.6								5.7	5.4
E	2.8	4.6	2.4	.9								10.6	5.7
ESE	1.7	2.4	1.9	.3								6.3	5.2
SE	1.8	3.2	2.5	1.3								8.8	5.5
SSE	.9	3.4	3.5	2.9	.8							11.4	5.9
S	1.8	3.0	2.5	4.2	1.4	.1						13.	5.7
SSW	1.2	1.2	.8	.4								3.5	5.4
SW	.2	.6	.4	.1	.1							1.5	5.4
WSW	.3	.3	.8									1.4	5.1
W	.6	.6	.3									1.5	4.4
WNW	.4	.2	.1	.3								1.1	6.3
NW	.3	.5	.4	.2								1.5	6.4
NNW	.8	.4	.8	.8								2.7	7.2
VARIABLE													
CALM	//											12.4	//////
TOTALS	19.7	30.3	20.5	19.2	2.7	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	1.8	1.6	1.8	.1							8.2	6.9
NNE	2.2	1.3	.9	.5			.1					5.9	5.8
NE	.5	1.2	.4	.2								3.3	5.4
ENE	1.2	1.4	1.4	.5								4.5	6.2
E	2.7	3.3	2.2	.5								8.7	5.2
ESE	1.2	1.6	1.6	.6								6.0	6.1
SE	1.0	2.7	2.8	1.0								7.4	6.7
SSE	1.2	4.1	5.5	2.9	.6							12.4	7.4
S	2.5	2.5	3.9	4.7	.8	.2						14.5	9.3
SSW	.9	1.0	.8	.1								2.7	5.5
SW	.2	.9	.3									1.6	4.1
WSW	.5	.4	.2									1.2	4.0
W	.2	1.4	.6	.1								2.4	5.8
WNW	.6	.5	.4									1.8	5.5
NW	.1	.8	.5	.2		.1						1.7	8.9
NNW	.8	1.3	.9	1.1								4.0	7.7
VARIABLE													
CALM												13.7	
TOTALS	18.5	29.0	22.3	14.9	1.5	.3	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.9	2.6	3.1	.9							9.6	9.[illegible]
NNE	1.3	1.6	1.8	.8								5.5	8.3
NE	1.3	1.6	1.0	.3								4.2	[illegible]
ENE	.5	1.7	1.1	.8								4.1	7.[illegible]
E	1.8	2.8	2.8	.5								8.[illegible]	[illegible]
ESE	1.0	1.8	1.3	.1	.1							4.[illegible]	6.[illegible]
SE	1.2	2.0	3.9	.3								7.4	6.8
SSE	1.2	4.6	3.4	1.7	.9							11.8	[illegible]
S	.9	2.5	5.7	5.7	2.2	.4						17.3	11.[illegible]
SSW	.5	1.0	1.7	.2	.5							4.[illegible]	8.[illegible]
SW	.4	.5	.2	.4								1.6	7.1
WSW	.5	.4	.3	.1								1.4	[illegible]
W	1.1	1.2	.5									2.8	4.[illegible]
WNW	.4	.8	.4									1.6	[illegible]
NW	.2	.9	1.2	.4								2.7	7.4
NNW	.9	1.3	1.7	.5								4.4	6.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.4	//////
TOTALS	14.3	26.7	29.7	15.1	4.5	.4						100.[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.9	2.9	4.1	.5	.1						[illegible]	[illegible]
NNE	.8	1.5	1.8	1.0	.1							[illegible]	[illegible]
NE	.8	1.6	1.6	.5								[illegible]	[illegible]
ENE	.6	1.3	2.4									[illegible]	[illegible]
E	.6	2.9	1.9	1.3								[illegible]	[illegible]
ESE	.8	1.5	2.2	1.8								[illegible]	[illegible]
SE	.5	1.3	1.6	.4								[illegible]	[illegible]
SSE	.2	1.7	4.7	2.5	.6							[illegible]	[illegible]
S	1.2	3.1	6.2	7.6	2.8	1.3						[illegible]	[illegible]
SSW	.9	1.8	2.6	1.6	1.6	.1						[illegible]	[illegible]
SW	.8	.8	.9	1.0	.4							[illegible]	[illegible]
WSW	.8	.8	.8	.6								[illegible]	[illegible]
W	.9	1.[illegible]	.4	.4								[illegible]	[illegible]
WNW		.7	.4	.5								[illegible]	[illegible]
NW	.5	.8	.5	.3								[illegible]	[illegible]
NNW	.5	1.8	1.7	1.[illegible]	.4							[illegible]	[illegible]
VARIABLE													
CALM												[illegible]	
TOTAL %	8.[illegible]	21.[illegible]	31.9	24.6	6.6	1.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC                                                    FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible]   STATION NAME: MCCONNELL AFB KS
                                                                                 MONTH: MAY
..........................................................................................
                                                 WIND SPEED IN KNOTS
  DIRECTION [illegible]
..........................................................................................
[illegible]
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[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

WIND SPEED IN KNOTS

[illegible]	[illegible]	[illegible]	[illegible]	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
		[illegible]	[illegible]	.6	.1						10.4	9.6
[illegible]	[illegible]	[illegible]	[illegible]								6.3	7.9
	[illegible]	[illegible]	[illegible]	[illegible]							5.1	7.5
	[illegible]	[illegible]	[illegible]								3.8	6.2
	[illegible]	[illegible]	[illegible]								5.1	6.9
		[illegible]	[illegible]								4.7	7.5
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						6.7	9.5
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1					13.1	11.0
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					21.5	12.4
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						5.5	11.8
[illegible]		[illegible]	[illegible]								2.4	7.7
[illegible]		[illegible]	[illegible]		[illegible]						1.6	9.9
[illegible]	[illegible]	[illegible]			[illegible]						1.9	8.9
[illegible]				[illegible]							2.2	8.2
[illegible]											2.5	7.6
[illegible]		[illegible]			[illegible]						4.2	9.7
				[illegible]	//////	//////	//////	//////	//////	//////	3.1	//////
				[illegible]	[illegible]	[illegible]					100.0	9.5

[illegible] BRANCH

[illegible] WICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

	WIND SPEED IN KNOTS											
[illegible]	[illegible]	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible]	3.5	2.6	.2							10.4	7.9
[illegible]	[illegible]	1.5	.9	.1							5.9	6.9
[illegible]	[illegible]	1.1	.3								5.3	5.2
[illegible]	[illegible]	.8	.1								5.2	4.2
[illegible]	[illegible]	2.3	.5	.1							8.8	5.8
[illegible]	[illegible]	1.5	.9								6.7	6.0
[illegible]	[illegible]	2.9	1.4	.4							9.5	7.3
[illegible]	[illegible]	5.5	4.3	.8	.1						15.3	9.3
[illegible]	[illegible]	3.4	4.8	1.3	.2						13.4	10.4
[illegible]	[illegible]	[illegible]	.7								2.2	7.1
[illegible]	[illegible]	[illegible]	.4								1.7	7.2
[illegible]			.3		.1						1.0	7.9
[illegible]		[illegible]	.1	.1							1.7	5.8
[illegible]		[illegible]	[illegible]	.1							1.3	8.3
[illegible]		[illegible]	[illegible]	.1							1.5	8.7
[illegible]		[illegible]									3.4	7.6
											6.8	//////
[illegible]					.4						100.0	7.1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	3.7	2.5	1.4	.5	.1						10.2	7.2
NNE	1.2	2.4	1.7	.6								5.9	6.2
NE	1.9	2.0	.2	.1								4.3	4.2
ENE	2.3	2.6	.6	.1								5.6	4.1
E	3.2	3.8	2.3	.6	.1							10.0	5.5
ESE	2.5	1.8	1.4	.5								6.2	5.2
SE	2.2	3.9	3.1	1.2	.1							10.4	6.6
SSE	.9	3.9	4.5	3.0	.9	.4						13.5	9.5
S	.9	2.4	2.3	4.5	.8	.1						10.9	10.1
SSW	.9	1.6	.6									2.7	5.0
SW	.3	.4	.2	.2								1.2	6.0
WSW	.4	.2	.1									.8	3.7
W	.4	.4	.8									1.6	5.5
WNW	.2	.1										.3	2.7
NW	.4	.4	.4		.2							1.5	6.9
NNW	.5	.1	.2	.8								1.6	8.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.2	//////
TOTALS	19.8	29.7	21.0	13.1	2.6	.6						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.5	2.6	2.6	.5	.1						9.6	8.6
NNE	1.0	1.9	1.7	.8	.1	.0	.0					5.5	7.0
NE	1.2	1.9	1.1	.3	.1							4.5	5.7
ENE	1.3	1.8	1.3	.4								4.8	5.7
E	1.9	3.1	2.2	.8	.0							7.9	6.1
ESE	1.2	1.8	1.8	.7	.0							5.5	6.5
SE	1.2	2.4	2.6	1.1	.1	.0						7.5	7.2
SSE	.8	3.1	4.3	3.1	.7	.2	.0					12.2	9.3
S	1.2	2.6	4.5	6.0	2.0	.7	.0					17.1	11.2
SSW	.5	1.2	1.3	.9	.5	.1						4.5	9.3
SW	.3	.6	.5	.5	.1							2.0	7.9
WSW	.4	.4	.4	.3	.0	.0						1.5	7.1
W	.6	.8	.5	.2	.0	.0						2.2	6.0
WNW	.4	.4	.5	.3	.0							1.5	7.1
NW	.3	.5	.8	.4	.0	.0						2.1	7.9
NNW	.6	.9	1.1	1.0	.1	.0						3.6	8.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.1	/////
TOTALS	14.2	25.8	27.3	19.1	4.3	1.1	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 7997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.6	1.3	.1		.1						4.1	6.1
NNE	1.3	1.0	.7	1.0	.1							4.1	7.3
NE	.8	2.1	.7	.1	.1	.1						3.9	5.7
ENE	1.8	1.7	.7	.3								4.4	5.0
E	3.7	2.7	.6									6.9	3.9
ESE	1.9	2.4	.7									5.0	4.3
SE	3.2	3.9	2.0	.2								9.3	4.8
SSE	2.4	4.0	5.7	3.3	.2							15.7	7.7
S	2.6	5.2	6.6	9.1	1.8	.2						25.4	9.8
SSW	.3	1.1	.4	.3								2.2	6.4
SW	.8	.3	.4	.1								1.7	4.9
WSW	.4	.6										1.0	3.2
W	.1			.3								.4	10.0
WNW	.3	.3	.2	.1								1.0	6.4
NW	.1	.3										.4	4.5
NNW	.3	.6	.3	.1								1.3	6.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.0	//////
TOTALS	21.1	27.8	20.2	15.2	2.2	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.6	.8	.1								4.6	4.7
NNE	1.0	.9	1.9	.4								4.2	6.9
NE	.8	2.3	.8	.2								4.1	5.2
ENE	1.7	2.4	.4	.1								4.7	4.4
E	3.8	2.6	1.2	.1								7.7	4.1
ESE	2.3	2.0	.9	.1								5.3	4.4
SE	1.4	2.9	1.4									5.8	5.0
SSE	2.0	6.2	2.7	2.1	.2							13.2	6.8
S	2.9	4.0	6.9	9.9	1.2	.1						25.0	9.7
SSW	1.0	.3	.3	.7	.2							2.6	7.6
SW	.4	.3	.3	.1								1.2	5.7
WSW	.2	.1		.1								.4	5.3
W	.9	.6	.2									1.7	3.7
WNW	.1	.3	.1	.1			.1					.8	10.1
NW	.2	.2										.4	2.8
NNW	.4	.6	1.0	.3								2.3	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.0	//////
TOTALS	21.3	27.3	19.0	14.4	1.7	.1	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.6	2.0	.9	.1							6.7	6.8
NNE	.9	1.3	.9	.6								3.7	6.5
NE	.8	2.1	1.1	.9								4.9	6.7
ENE	1.6	1.7	1.6	.2								5.0	5.6
E	3.3	2.8	1.0	.1								7.2	4.2
ESE	.9	2.1	.4									3.4	4.7
SE	1.6	1.8	2.1	.4								5.9	6.1
SSE	1.7	3.1	4.3	2.2								11.3	7.5
S	2.1	4.1	8.2	10.8	2.0	.3						27.6	10.4
SSW	1.2	1.2	1.1	2.4								6.0	8.2
SW	.6	1.0	.1	.1								1.8	4.9
WSW	.7	.1	.1									.9	3.6
W	.6	.3	.1									1.0	4.0
WNW	.3	.1		.1								.6	4.6
NW	.2	.3	.3									.9	5.8
NNW	.3	1.1	.6	.4	.1	.1						2.7	8.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.6	//////
TOTALS	17.8	25.8	24.0	19.2	2.2	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.7	1.6	1.8								5.8	7.9
NNE	1.1	1.0	1.4	.7								4.2	6.5
NE	.6	1.8	.8	.7								3.8	6.8
ENE	1.2	2.2	1.2	.8								5.4	5.9
E	1.7	2.3	1.6	.4								6.0	5.5
ESE	.8	1.8	1.7									4.2	5.7
SE	.6	1.3	1.1	.4	.1							3.6	7.2
SSE	1.0	1.9	2.6	2.7	.6							8.7	8.9
S	1.1	3.2	7.7	9.4	4.2	.8	.1					26.6	11.8
SSW	.6	1.4	5.1	4.0	1.6	.3						13.0	11.0
SW	.1	1.3	2.1	1.1	.2	.1						5.0	9.3
WSW	.3	.9	.1									1.3	4.4
W	.8	1.0	.1	.1								2.0	4.3
WNW	.2	.1	.1									.4	4.0
NW	.4	.8	.1	.1								1.4	4.7
NNW	.4	.8	.6	1.0								2.8	8.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.8	//////
TOTALS	11.7	23.6	27.8	23.2	6.7	1.2	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	1.8	1.7	1.7								6.7	7.7
NNE	1.0	1.4	.9	.2	.1							3.7	5.9
NE	.8	1.6	.6	.4								3.3	5.9
ENE	1.3	1.8	1.1	.4								4.7	5.6
E	1.1	3.3	1.6	.3								6.3	5.8
ESE	.8	1.0	1.6	.8								4.1	7.1
SE	.9	2.0	2.3	1.6								6.8	7.7
SSE	1.3	1.7	2.8	2.2	.7							8.7	8.7
S	1.3	2.6	5.2	10.3	5.1	2.0						26.6	13.2
SSW	.2	1.8	3.3	4.4	.8	.4						11.0	11.0
SW	.7	.7	1.6	1.1	.4							4.4	9.2
WSW	.3	.6	.6	.7	.1							2.2	9.0
W	.4	.8										1.2	4.0
WNW	.3	.6	.1									1.0	4.4
NW	.2	.2	.1	.1	.1							.8	7.4
NNW	.8	1.0	1.0	.3	.1							3.2	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.3	//////
TOTALS	13.1	22.7	24.3	24.7	7.4	2.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.3	1.4	1.7								5.3	7.9
NNE	.4	1.2	2.7	.6								4.9	7.5
NE	.9	1.3	1.4									3.7	5.4
ENE	1.0	3.0	1.1	.2	.1							5.4	5.4
E	1.3	3.0	2.4	.2								7.0	5.7
ESE	.6	2.4	2.0	.4								5.4	6.6
SE	.3	2.0	2.8	1.6								6.7	8.3
SSE	.8	2.1	4.8	4.7	.7	.1						13.1	10.0
S	1.2	2.6	4.7	10.7	6.2	1.3	.1					26.8	13.4
SSW	.6	1.4	2.2	1.7	1.0	.1						7.0	10.1
SW	.2	1.0	1.0	.6	.1							2.9	7.8
WSW	.4	.4	.6	.1	.1							1.7	6.6
W	.3	.6	.3									1.2	5.2
WNW	.2	.1	.1	.1								.6	6.2
NW	.6	.7	.3	.2								1.8	6.4
NNW	.4	.6	1.1	.2								2.3	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.2	//////
TOTALS	10.2	23.8	29.0	22.9	8.2	1.6	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.8	1.7	.4								3.7	7.1
NNE	.7	1.9	1.8	.7	.2							5.2	7.3
NE	1.7	1.2	1.6									4.4	5.2
ENE	2.0	2.1	.7	.2								5.0	4.6
E	4.1	3.9	2.4	.1								10.6	4.7
ESE	2.0	2.7	1.9	.1								6.7	5.5
SE	1.3	2.7	3.0	1.6								8.6	7.2
SSE	1.0	4.7	7.2	6.2	1.0							20.1	9.5
S	1.1	2.6	4.7	8.2	3.2	.7						20.4	11.9
SSW	.9	1.0	1.1	.7	.2							3.9	7.5
SW	.4	.3		.2								1.0	5.9
WSW	.2	.1	.1	.2								.7	7.7
W	.3	.7	.1	.1								1.2	4.5
WNW		.1	.1									.2	7.5
NW	.1	.4	.1	.2								.9	7.3
NNW	.1	.7	.6	.3								1.7	7.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.8	//////
TOTALS	16.8	25.8	27.0	19.3	4.7	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.6	1.1	.2								3.6	5.9
NNE	1.4	1.2	.8	.4	.2							4.1	6.2
NE	1.4	2.2	1.1									4.8	4.8
ENE	1.7	2.0	1.0	.2								4.9	5.1
E	2.7	4.1	1.2	.2								8.2	4.7
ESE	3.3	2.3	2.1									7.8	4.7
SE	2.9	3.8	2.4	.9								10.0	5.6
SSE	2.1	5.7	8.1	5.0	.4							21.3	8.3
S	1.6	3.6	4.2	7.3	2.0	.1						18.8	10.4
SSW	.8	.1	.7	.2	.1							1.9	6.6
SW		.3	.1	.2	.1							.8	9.4
WSW	.4	.3	.2	.1								1.1	4.8
W	.3	.1										.4	2.5
WNW	.2	.1										.3	3.7
NW	.1			.2	.1							.4	12.0
NNW		.4	.1	.2								.8	7.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.8	//////
TOTALS	19.7	27.9	23.2	15.3	3.0	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.6	1.4	.9	.0	.0						5.0	6.9
NNE	1.0	1.2	1.4	.6	.1							4.3	6.8
NE	1.0	1.8	1.0	.3	.0	.0						4.1	5.7
ENE	1.5	2.1	1.0	.3	.0							4.9	5.2
E	2.7	3.1	1.5	.2								7.5	4.8
ESE	1.6	2.1	1.4	.2								5.2	5.3
SE	1.5	2.5	2.2	.8	.0							7.1	6.4
SSE	1.5	3.7	4.8	3.6	.5	.0						14.0	8.4
S	1.7	3.5	6.0	9.5	3.2	.7	.0					24.6	11.4
SSW	.7	1.1	1.8	1.8	.5	.1						5.9	9.6
SW	.4	.7	.7	.4	.1	.0						2.3	7.8
WSW	.4	.4	.2	.2	.0							1.2	6.0
W	.5	.5	.1	.1								1.2	4.4
WNW	.2	.2	.1	.1			.0					.6	6.0
NW	.2	.4	.1	.1	.0							.9	6.2
NNW	.4	.7	.7	.4	.0	.0						2.1	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.9	//////
TOTALS	16.5	25.6	24.3	19.3	4.5	.9	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 7200

[illegible]

AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64		%	[illegible]
N	.6	.5	.2	.2										[illegible]	[illegible]
NNE	.9	[illegible]	.9	.2										[illegible]	[illegible]
NE	1.2	1.7	.6	.7										[illegible]	[illegible]
ENE	2.0	2.4	.6											[illegible]	[illegible]
E	3.2	3.3	1.8											[illegible]	[illegible]
ESE	1.3	2.8	.2											[illegible]	[illegible]
SE	1.3	2.4	2.2	.1										[illegible]	[illegible]
SSE	2.7	4.3	6.2	3.4	.5									[illegible]	[illegible]
S	1.9	4.7	13.5	10.5	1.1									[illegible]	[illegible]
SSW	1.0	1.1	1.5	1.2	.1									[illegible]	[illegible]
SW	.2	.5	.3	.3										1.4	6.8
WSW	.1	.2	.1											.4	4.3
W	.6		.2											.9	3.5
WNW	.1	.3	.1	.1										.6	6.7
NW	.1	.3	.1											.5	5.2
NNW	.2	.5	.1											.9	4.3
VARIABLE															
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////		8.6	//////
TOTALS	17.5	27.0	28.8	16.3	1.7									100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NAME: MCCONNELL AFB KS

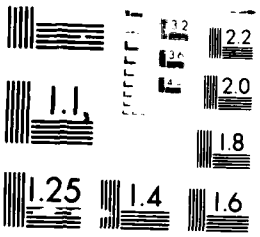
PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.4	.8	.2	.2							3.5	6.2
NNE	1.3	2.4	1.0									4.6	4.9
NE	1.1	1.3	.8									3.1	4.7
ENE	1.2	1.9	.1	.2								3.4	4.7
E	1.7	3.1	.8									5.6	4.6
ESE	.9	2.0	.4	.1								3.4	5.1
SE	2.3	1.3	1.3	.3								5.2	4.8
SSE	3.5	3.9	3.8	1.4	.4							13.0	[illegible]
S	4.1	6.9	13.8	8.0	.1							32.8	[illegible]
SSW	1.0	2.9	2.9	1.5	.3							8.6	[illegible]
SW	.4	.5	.1	.1	.1							1.[illegible]	[illegible]
WSW	.2	.1	.3	.1								.[illegible]	[illegible]
W	.3	.1	.4									.[illegible]	
WNW	.3	.3										.[illegible]	
NW	.3	.2	.2			.1							
NNW	.2	.3	.2	.1									
VARIABLE													
CALM	//////////												
TOTALS	19.8	28.7	26.8	12.0	1.2	.1							

TOTAL NUMBER OF OBSERVATIONS: 930

AD-A179 196 MCCONNELL AFB KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 APR 87 2/4

UNCLASSIFIED USAFETAC/DS-87/016 F/G 4/2 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-060

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %
N	1.1	1.5	.5	.3								3.4
NNE	.8	2.7	1.7		.1		.1					5.4
NE	.8	1.9	.5									3.2
ENE	.8	1.9	.8	.1								3.5
E	1.8	2.5	.5									4.9
ESE	1.0	1.7	.4									3.1
SE	1.4	3.0	1.2	.3								5.9
SSE	1.4	4.6	2.9	1.8	.3	.1						11.2
S	2.8	6.8	12.4	10.8	.5							33.2
SSW	1.2	2.2	4.3	2.5								10.1
SW	.2	.5	.8	.1								1.6
WSW	.3	.4	.2	.3								1.3
W	.8	1.0										1.7
WNW	.3	.1	.2									.6
NW	.3	.3	.2									.9
NNW	.3	.8	.3	.1								1.5
VARIABLE												
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.4
TOTALS	15.2	31.9	27.0	16.3	1.0	.1	.1					100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.0	1.4	.8								4.2	6.5
NNE	.6	1.3	1.6	.2								3.8	6.5
NE	1.3	2.7	1.6	.3								5.9	5.5
ENE	.8	1.5	1.1	.1								3.4	5.5
E	.8	1.9	2.2	.3								5.2	6.6
ESE	.5	1.3	.4	.2								2.5	5.8
SE	.8	1.1	.6	.4								2.9	6.1
SSE	1.1	1.5	1.9	1.3	.1	.2						6.1	8.1
S	2.0	4.3	8.0	11.2	2.0	.3						27.8	10.3
SSW	.5	2.8	5.3	8.4	1.5							18.5	10.9
SW	1.0	2.3	3.1	2.5	.1	.1						9.0	8.8
WSW	.1	.6	.5	.5								1.8	8.2
W	.9	.4	.2	.3								1.8	5.9
WNW	.2	.5	.3		.1							1.2	6.7
NW	.1		.1	.1								.3	6.7
NNW	.5	1.0	.4									1.9	4.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.5	//////
TOTALS	12.3	24.2	28.8	26.7	3.9	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.1	1.8	.4								4.2	6.5
NNE	1.1	.9	1.3	.3								3.5	6.4
NE	.8	1.6	1.7	.1								4.2	5.7
ENE	1.3	2.5	1.5									5.3	5.2
E	1.4	2.0	1.7	.1								5.3	5.5
ESE	1.1	.6	1.0	.4								3.1	6.1
SE	.3	1.7	.9	.4	.1							3.4	6.9
SSE	1.3	1.9	2.5	2.2	.3							8.2	8.4
S	1.5	2.9	9.1	15.6	3.0	.6						32.8	11.6
SSW	.8	2.4	2.5	5.9	2.2							13.7	11.6
SW	.8	1.5	1.4	1.4	.5	.1						5.7	9.3
WSW	.2	.8	1.3	.9								3.1	8.6
W	.6	.1	.1		.1							1.0	5.2
WNW	.2	.5	.2									1.0	5.2
NW	.2	.1										.3	2.7
NNW	.6	.5	.8	.2								2.2	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	13.0	21.2	27.7	28.0	6.2	.8						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.9	1.0	.3	.1							3.3	6.4
NNE	.6	1.2	1.5	.2								3.5	6.4
NE	1.6	2.0	1.7	.1								5.5	5.4
ENE	1.2	2.4	1.7	.2								5.5	5.9
E	1.1	3.8	2.6	.3								7.7	6.0
ESE	1.3	1.5	1.9	.3								5.1	6.0
SE	.8	2.5	1.7	.5								5.5	6.5
SSE	1.4	2.3	4.1	6.7	1.5	.1						16.0	10.6
S	.5	1.9	8.2	14.9	3.7	.6						29.9	12.4
SSW	1.0	.5	1.5	3.0	1.6							7.6	11.6
SW	.3	.4	.6	1.3								2.7	9.9
WSW	.1	.3	.1	.4	.1							1.1	9.2
W	.2	.3	.3	.1								1.0	6.2
WNW	.2	.4	.2	.1								1.0	5.9
NW	.2	.1		.1								.4	5.5
NNW	.6	.4	.3		.1							1.5	5.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.7	//////
TOTALS	12.3	21.0	27.5	28.7	7.1	.8						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.0	1.1	.3	.2	.1						3.0	8.1
NNE	.5	1.1	1.6	.2								3.4	6.7
NE	.6	2.0	.9	.5	.1							4.2	6.6
ENE	2.0	2.8	1.9	.2								7.0	5.2
E	3.9	5.2	1.5	.3								10.9	4.7
ESE	1.5	1.9	2.3	.4								6.1	6.2
SE	1.7	2.8	2.8	.9								8.2	6.6
SSE	1.3	3.5	10.3	9.8	1.2		.1					26.2	10.3
S	1.4	2.4	6.5	8.5	1.9							20.6	10.8
SSW		.5	.4	1.5	.2							2.7	11.2
SW		.5	.2	.2	.1							1.1	9.3
WSW	.2	.3	.2									.8	5.3
W	.3		.3	.1								.8	5.9
WNW	.3		.2	.1								.6	5.2
NW	.1	.2		.1								.4	6.3
NNW	.2	.5	.1	.1								1.0	5.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.0	//////
TOTALS	14.5	24.8	30.3	23.3	3.8	.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.4	.2	.4								1.8	6.1
NNE	.4	1.6	1.8	.4								4.3	7.2
NE	1.3	1.8	1.1	.1								4.3	5.2
ENE	2.7	2.4	1.2	.1								6.3	4.6
E	3.4	4.9	1.2									9.6	4.3
ESE	3.1	2.0	.9	.2	.1							6.3	4.3
SE	1.6	3.2	3.4	.9								9.1	6.7
SSE	1.2	5.4	13.7	5.9	.5							26.7	8.6
S	1.5	2.8	7.1	8.1	1.0							20.4	10.1
SSW		.3	.4	.4								1.2	9.7
SW	.3	.1										.4	2.5
WSW		.3										.3	4.7
W		.3										.3	5.3
WNW		.1	.2									.3	8.0
NW		.1	.1	.1								.3	9.0
NNW	.1	.1	.1		.1							.4	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.7	//////
TOTALS	16.5	26.0	31.4	16.7	1.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.0	.9	.4	.1	.0						3.1	6.4
NNE	.8	1.7	1.4	.2	.0		.0					4.1	6.2
NE	1.1	1.8	1.1	.2	.0							4.2	5.4
ENE	1.5	2.2	1.1	.1								4.9	5.1
E	2.2	3.3	1.5	.1								7.2	5.0
ESE	1.3	1.7	.9	.2	.0							4.2	5.3
SE	1.3	2.2	1.8	.5	.0							5.8	6.1
SSE	1.7	3.4	5.7	4.1	.6	.1	.0					15.6	8.7
S	2.0	4.1	9.8	10.9	1.7	.2						28.7	10.2
SSW	.7	1.6	2.4	3.1	.7							8.4	10.0
SW	.4	.8	.8	.7	.1	.0						2.9	8.6
WSW	.2	.4	.3	.3	.0							1.2	7.7
W	.5	.3	.2	.1	.0							1.0	5.1
WNW	.2	.3	.2	.0	.0							.8	5.8
NW	.2	.2	.1	.1		.0						.5	5.8
NNW	.4	.5	.3	.1	.0							1.3	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.1	//////
TOTALS	15.1	25.6	28.5	21.0	3.3	.3	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.4	.6	.4								3.2	5.9
NNE	.9	1.5	1.3	.1	.1							3.9	6.1
NE	1.2	2.2	1.2	.2								4.7	5.4
ENE	2.2	2.4	1.4	.2								6.1	5.0
E	3.4	4.6	1.7									9.8	4.5
ESE	1.8	2.2	.6	.2								4.8	4.7
SE	1.5	4.0	1.8	.1								7.4	5.5
SSE	2.3	4.4	5.2	2.6								14.4	7.3
S	4.0	6.8	8.4	6.7	.5							26.3	7.9
SSW	.5	1.3	1.8	1.8								5.5	8.6
SW	.1	.1	.3	.4								1.0	9.3
WSW	.1			.1								.2	8.5
W	.2	.4										.6	4.2
WNW	.1	.1		.2								.4	8.3
NW	.4	.4	.1									1.0	4.1
NNW	.2	.2	.2			.1						.8	7.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.8	//////
TOTALS	19.7	31.9	24.7	13.1	.6	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.6	1.3	.4								4.6	5.9
NNE	1.0	2.6	.8	.4								4.7	5.7
NE	1.1	2.2	.8	.2	.1							4.3	5.7
ENE	1.8	2.0	1.0	.2								5.1	5.0
E	3.8	3.4	1.2	.1								8.5	4.3
ESE	2.0	2.0	1.1									5.2	4.4
SE	1.4	2.4	1.5	.1								5.4	5.3
SSE	2.3	4.0	2.4	1.2								9.8	6.0
S	3.7	6.1	10.3	4.2	.8							27.0	7.6
SSW	1.5	1.8	2.0	.9								6.2	6.6
SW	.8	.2	.6									1.6	4.8
WSW	.2	.3	.2	.1								.9	6.0
W	.5	.1										.6	3.2
WNW	.1	.1	.3									.5	6.4
NW	.2	.3	.5									1.1	5.9
NNW	.4	.6	.2	.1								1.4	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.1	//////
TOTALS	22.0	31.8	24.2	8.0	.9							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.1	1.9	.3								4.4	6.4
NNE	1.2	2.0	1.6	.2								5.1	5.5
NE	1.1	2.3	1.3	.1								4.7	5.3
ENE	1.5	2.4	1.0	.2								5.1	4.9
E	3.1	3.3	1.8	.1								8.4	4.7
ESE	1.3	2.0	1.2	.1								4.6	5.3
SE	1.4	2.0	2.4	.5	.2							6.6	6.5
SSE	1.2	4.1	3.2	1.8								10.3	7.1
S	3.3	8.2	10.8	6.5	.6							29.4	7.9
SSW	1.7	1.7	2.0	1.3	.2							7.0	7.2
SW	.8	.3	.1	.1	.1							1.4	5.2
WSW	.3	.3	.3									1.0	4.9
W	.2	.1										.3	2.7
WNW	.1	.1	.1									.3	4.7
NW	.8	.2	.1	.2								1.3	5.3
NNW	.3	.6	.6	.1								1.7	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.5	//////
TOTALS	19.4	30.9	28.5	11.6	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	1.3	2.2	.9								4.6	7.9
NNE	.3	2.0	1.8	.4								4.6	6.7
NE	.8	1.8	1.6									4.2	5.9
ENE	.6	2.2	1.3									4.1	5.5
E	1.9	3.1	1.7									6.8	5.0
ESE	.8	1.4	1.3	.1								3.5	5.9
SE	.5	1.7	1.4	.6								4.3	7.1
SSE	.8	2.2	4.1	3.4	.1							10.5	9.1
S	1.2	4.1	8.9	9.4	1.1	.3						24.9	10.1
SSW	.9	2.7	3.8	7.7	1.4	.1						16.6	10.9
SW	1.2	1.2	1.1	1.0	.2							4.6	7.4
WSW	.9	.5	.9	.2								2.5	5.8
W	1.0	.6	.2	.1								1.9	4.4
WNW	.6	.3	.1									1.1	3.5
NW	.3	.1	.2	.4								1.1	7.7
NNW	.4	.4	.6									1.5	5.5
VARIABLE													
CALM	//											3.1	//////
TOTALS	12.5	25.7	31.2	24.3	2.8	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724565 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.1	1.4	1.0								4.1	8.0
NNE	.2	1.1	1.7	.5	.2							3.8	8.4
NE	1.3	1.8	2.8	.5								6.5	6.6
ENE	1.2	1.9	1.1									4.2	5.2
E	1.3	3.2	1.4	.1								6.0	5.1
ESE	.9	.8	1.5	.3								3.4	6.3
SE	1.0	1.2	2.3	.3	.1							4.9	6.9
SSE	1.3	1.8	3.8	3.8		.1						10.8	9.1
S	1.7	3.4	7.4	13.3	3.0	.3						29.2	11.2
SSW	.5	2.0	3.7	4.8	1.3	.1						12.5	1[illegible].8
SW	.5	1.2	2.0	1.1	.4							5.3	9.1
WSW	.3	.4	.3	.4								1.5	7.2
W	.6	.3	.3	.3								1.6	5.8
WNW	.3	.2	.1									.6	3.5
NW		.4	.4	.1								1.0	7.3
NNW	.6	.5	.5	.4								2.2	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.6	//////
TOTALS	12.5	21.5	30.8	27.1	5.1	.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.2	2.0	1.0	.2							5.1	8.1
NNE	.3	1.4	2.7	1.0								5.4	8.1
NE	.8	1.7	1.6	.3								4.4	6.7
ENE	.9	2.9	1.8	.5								6.1	6.1
E	2.5	3.0	1.1	.4	.1							7.1	5.2
ESE	1.4	1.2	1.9	.2								4.7	5.8
SE	1.1	2.3	2.3	.8	.2							6.6	7.1
SSE	.9	3.3	6.1	4.0	1.2	.2						15.7	9.8
S	1.3	4.0	5.2	12.5	2.8	.5						26.2	11.4
SSW	.5	.8	2.5	4.0	.8	.2		.1				8.8	11.8
SW	.4	.2	.9	.4	.1							2.0	8.5
WSW	.4	.2	.3									1.0	5.6
W	.1	.1	.1	.3								.6	8.7
WNW	.2	.3	.2									.8	5.0
NW		.5	.5	.2								1.3	8.0
NNW	.1	.6	.6	.1								1.5	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.7	//////
TOTALS	11.5	23.8	29.9	25.7	5.4	1.0		.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.4	1.7	.5	.1							4.0	8.1
NNE	.6	.9	1.1	.3		.1						3.0	7.1
NE	1.2	1.8	1.6	.2								4.8	5.7
ENE	1.6	4.1	1.8	.1								7.6	5.1
E	4.8	4.9	1.7	.6								12.2	4.6
ESE	2.7	2.3	1.1	.2								6.2	4.6
SE	1.8	5.3	2.7	1.0	.2							11.0	6.3
SSE	.6	7.0	7.1	5.2	.1							20.0	8.3
S	1.7	3.0	4.8	7.4	1.1	.1						18.2	10.1
SSW	.2	1.1	1.5	1.4	.2							4.4	9.5
SW	.2	.3	.3	.3								1.2	7.4
WSW		.1		.1								.2	8.0
W	.1	.3	.1	.1								.6	6.3
WNW		.1	.1									.2	7.0
NW	.1	.6										.8	4.1
NNW	.2	.4	.6	.3	.1							1.7	8.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.9	//////
TOTALS	16.2	33.7	26.3	17.8	1.8	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.2	1.2	.6								3.8	6.9
NNE	.8	1.5	1.4									3.7	5.8
NE	1.2	1.6	1.1	.4								4.3	5.8
ENE	2.5	2.7	1.1	.1								6.3	4.2
E	3.5	6.3	2.6	.3								12.8	4.9
ESE	1.9	3.5	.8	.2								6.5	4.8
SE	2.7	4.2	4.5	.6								12.0	6.0
SSE	1.9	5.8	8.4	2.2	.1							18.4	7.4
S	2.6	3.7	7.1	6.1	.4							19.9	8.8
SSW	.3	.9	.4	1.0								2.6	8.1
SW	.1	.3	.1									.5	4.6
WSW													
W													
WNW	.2			.2								.4	8.0
NW	.4	.2	.2	.2								1.1	6.2
NNW	.2	.3	.1									.6	4.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.1	//////
TOTALS	19.1	32.3	28.9	12.0	.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.3	1.5	.6	.0							4.2	7.2
NNE	.7	1.6	1.5	.4	.0	.0						4.3	6.7
NE	1.1	1.9	1.5	.3	.0							4.7	5.9
ENE	1.5	2.6	1.3	.2								5.6	5.1
E	3.1	4.0	1.7	.2	.0							8.9	4.8
ESE	1.6	1.9	1.2	.2								4.9	5.1
SE	1.4	2.9	2.4	.5	.1							7.3	6.3
SSE	1.4	4.1	5.0	3.0	.2	.0						13.7	8.1
S	2.4	5.1	7.9	8.3	1.3	.2						25.1	9.4
SSW	.8	1.5	2.2	2.9	.5	.1		.0				7.9	9.8
SW	.5	.5	.7	.4	.1							2.2	7.6
WSW	.3	.2	.3	.1								.9	6.1
W	.3	.3	.1	.1								.8	5.2
WNW	.2	.2	.1	.1								.6	5.3
NW	.3	.4	.3	.1								1.1	6.2
NNW	.3	.5	.5	.1	.0	.0						1.4	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.3	//////
TOTALS	16.6	28.9	28.1	17.5	2.3	.3		.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.3	2.0	1.0	.1	.1						5.6	7.9
NNE	.8	2.1	1.9	.8								5.6	6.8
NE	1.8	2.3	.6									4.7	4.3
ENE	1.7	1.7	.6									3.9	4.2
E	2.7	3.3	1.6									7.6	4.5
ESE	2.0	1.3	.8									4.1	4.2
SE	1.7	4.9	1.8	.3								8.7	5.5
SSE	2.1	6.2	5.1	3.2	.3							17.0	7.5
S	2.9	5.3	8.8	8.7	1.3	.4						27.4	9.5
SSW	.6	.8	.6	1.4	.2	.1						3.7	10.0
SW	.1	.4	.2		.1							.9	8.0
WSW	.1	.1		.1								.3	5.7
W		.6	.1									.7	5.5
WNW		.1										.1	4.0
NW		.2	.2									.4	7.5
NNW	.2	.2	.3	.4								1.2	8.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.2	//////
TOTALS	17.6	31.0	24.4	16.0	2.1	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.7	1.9	1.0	.1	.2						5.6	8.2
NNE	.7	2.1	1.4	1.0								5.2	7.1
NE	1.4	2.1	1.0									4.6	4.8
ENE	1.7	1.1	.4									3.2	4.0
E	2.8	3.1	1.4									7.3	4.5
ESE	1.6	1.2	.2									3.0	3.7
SE	2.8	3.3	.7	.1								6.9	4.2
SSE	3.7	4.3	2.7	3.3	.1							14.1	6.9
S	4.4	6.1	8.2	7.8	1.0							27.6	8.7
SSW	.3	1.2	1.6	1.6	.2	.1						5.0	9.6
SW	.1	.2	.2									.6	6.4
WSW	.2	.2	.1									.6	4.0
W	.2	.3	.1									.7	4.7
WNW	.1											.1	2.0
NW	.2	.3										.6	4.4
NNW	.4	.9	.8	.4	.3							2.9	8.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.2	//////
TOTALS	21.3	28.3	20.8	15.2	1.8	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.1	2.4	1.2	.3	.1						7.2	8.0
NNE	.6	1.1	1.8	.8	.2							4.4	8.2
NE	1.0	1.1	.9	.2								3.2	5.8
ENE	1.2	1.9	1.6									4.7	5.3
E	2.3	3.3	1.8	.2								7.7	4.9
ESE	2.0	2.9	.6									5.4	4.3
SE	1.4	2.9	1.0	.2								5.6	5.1
SSE	2.3	4.1	3.8	2.1	.1							12.4	7.1
S	1.7	6.0	10.0	8.8	2.0	.2						28.7	9.7
SSW	.4	1.6	1.3	.9		.2						4.4	8.6
SW	.1	.3	.2									.7	5.3
WSW		.3										.3	4.7
W	.2	.2										.4	3.5
WNW	.3	.2	.2									.8	4.0
NW		.8	.1	.1								1.0	6.2
NNW	.8	1.2	.7	.6	.3							3.6	7.2
VARIABLE													
CALM	//////////											9.4	//////
TOTALS	15.4	30.1	26.3	15.1	3.0	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	2.2	2.7	1.6	.8	.2						7.7	9.9
NNE	.3	1.0	2.4	1.4	.2							5.4	9.3
NE	.2	.8	1.1	.8								2.9	8.2
ENE	.6	1.4	1.4	.1								3.6	6.3
E	1.0	1.4	2.3	.4								5.2	6.5
ESE	.8	1.4	.6	.4								3.2	6.1
SE	.4	1.6	2.2	.3								4.6	7.0
SSE	.9	1.4	3.2	2.1	.2	.2						8.1	9.3
S	.4	4.8	9.9	12.8	4.1	1.2	.1					33.3	11.8
SSW	.3	1.7	3.1	4.0	2.2	.1						11.4	11.8
SW	.6	1.7	1.1	.9								4.2	7.0
WSW	.6	.9	.2	.1								1.8	5.0
W	.7	.3										1.0	3.2
WNW	.2	.1	.3									.7	5.2
NW	.3	.3	.2									.9	4.6
NNW	.3	1.2	.6	.7	.1							2.9	7.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	7.9	22.3	31.4	25.7	7.7	1.8	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.4	3.4	2.8	1.2	.1						10.0	10.3
NNE	.2	1.4	1.4	.9	.1							4.1	8.5
NE	.3	1.1	1.0	.6								3.0	7.4
ENE	.2	1.9	.7									2.8	5.3
E	1.0	1.4	1.6	.3								4.3	6.2
ESE	.4	1.1	2.1	.2								3.9	7.3
SE	.4		1.0	.4								2.6	7.2
SSE	.6	1.4	3.3	3.2	.9	.2						9.7	10.5
S	1.2	4.2	7.8	15.0	5.0	2.3	.1					35.7	12.7
SSW	.7	2.3	2.3	3.0	2.1	.7						11.1	11.6
SW	.3	1.1	.8	1.0	.1							3.3	8.1
WSW	.6	1.0	.6	.1								2.2	5.4
W	.1	.4	.2	.2								1.0	7.1
WNW	.2	.3										.6	4.2
NW	.6	.3	.1	.6								1.6	7.2
NNW	.3	.2	.4	.9								1.9	9.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.3	//////
TOTALS	8.2	20.6	26.8	29.2	9.4	3.3	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.6	2.2	2.8	.9	.1						8.2	10.2
NNE	.8	1.9	1.8	1.2	.1							5.8	8.0
NE	.9	1.4	1.0	.7								3.9	6.6
ENE	.2	2.4	.9									3.6	6.0
E	1.4	2.1	1.9	.2								5.7	5.7
ESE	.6	.7	.9	.3	.1							2.6	7.2
SE	.7	1.4	2.4	.7	.1							5.3	7.4
SSE	.8	1.3	5.7	4.8	1.1	.2						13.9	10.7
S	1.1	4.7	4.4	13.8	5.3	1.4	.3					31.1	12.8
SSW	.7	1.7	1.7	2.8	1.0	.3						8.1	11.1
SW	.6	1.2	.7	.6		.2						3.2	8.1
WSW	.3	.3	.4	.3								1.4	7.5
W		.4	.2									.7	5.5
WNW		.2	.2	.1								.6	8.2
NW	.3	.2	.1	.7								1.3	8.8
NNW	.3	.7	.6	.9	.1							2.6	9.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.1	//////
TOTAL %	9.2	22.3	25.1	29.8	8.8	2.3	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.9	2.3	2.1	.3							7.4	8.7
NNE	1.2	2.2	1.7	1.1	.1							6.3	7.3
NE	1.4	2.2	.9	.7	.2							5.4	6.2
ENE	2.3	2.3	.8	.1								5.6	4.4
E	1.6	3.0	2.2	.2								7.0	5.7
ESE	1.0	2.1	1.1									4.2	5.1
SE	1.9	4.0	2.9	.9	.1							9.8	6.3
SSE	2.4	5.6	7.9	5.0	.9							21.8	8.4
S	1.7	3.7	5.0	7.2	2.6	.4						20.6	10.7
SSW	.3	1.7	.9	.3		.2						3.4	7.6
SW		.4	.1		.1							.7	8.7
WSW		.1										.1	5.0
W	.2	.1										.3	3.0
WNW													
NW			.2	.2								.4	10.8
NNW		.2	.8	.3								1.3	9.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.6	//////
TOTALS	14.9	29.6	26.8	18.2	4.3	.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	2.3	1.8	1.4								6.0	7.7
NNE	.7	1.9	1.9	.8								4.8	7.3
NE	1.0	2.7	1.2	.6								5.4	5.9
ENE	1.8	3.3	.3									5.4	4.2
E	2.7	2.9	2.7	.4								8.7	5.4
ESE	2.6	2.8	.4	.1								5.9	4.2
SE	1.6	5.4	2.6	.8								10.3	5.8
SSE	2.1	6.0	6.8	5.7	.8							21.3	9.5
S	2.1	2.8	6.0	8.0	2.1	.4						21.4	10.6
SSW	.2	.2	.1		.2							.6	5.0
SW	.3	.3	.2									.9	4.5
WSW	.2											.2	2.5
W													
WNW		.1										.1	6.0
NW	.2		.2	.1								.6	7.4
NNW	.1		.6	.1	.1							.9	9.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.2	//////
TOTALS	16.0	30.3	24.8	18.0	3.2	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724565 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.8	2.3	1.7	.5	.1						7.2	5.[illegible]
NNE	.7	1.7	1.8	1.0	.1							5.2	7.8
NE	1.0	1.7	1.0	.4	.0							4.1	6.[illegible]
ENE	1.2	2.0	.8	.0								4.1	4.9
E	1.9	2.6	1.9	.2								6.7	5.3
ESE	1.4	1.7	.8	.1	.0							4.[illegible]	5.1
SE	1.4	3.0	1.8	.5	.0							6.7	5.9
SSE	1.9	3.8	4.8	3.7	.6	.1						14.8	8.5
S	1.9	4.7	7.5	10.2	2.9	.8	.1					28.2	1[illegible].9
SSW	.4	1.4	1.4	1.7	.7	.2						6.[illegible]	10.[illegible]
SW	.3	.7	.4	.3	.0	.0						1.8	7.4
WSW	.2	.4	.2	.1								.9	5.5
W	.2	.3	.1	.0								.[illegible]	4.9
WNW	.1	.1	.1	.0								.4	5.1
NW	.2	.3	.2	.2								.[illegible]	7.1
NNW	.3	.6	.6	.5	.1							2.2	5.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.3	//////
TOTALS	13.8	26.8	25.8	20.9	5.0	1.3	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	3.5	2.0	3.1	.4	.2						12.3	7.8
NNE	1.0	2.0	1.1	.8								4.9	6.9
NE	1.0	2.2	.4	.2								3.8	5.2
ENE	1.4	1.6	.3	.1								3.4	4.3
E	2.0	1.7	.3									4.1	3.8
ESE	1.5	1.5	.8									3.8	4.3
SE	1.5	3.2	1.4	.6	.3							7.1	6.3
SSE	1.0	5.3	3.9	2.9	.9							13.9	6.7
S	1.8	5.2	5.2	5.6	1.3	.6						19.7	9.5
SSW	1.2	.6	.6	.8	.4							3.7	6.5
SW	.4	.8	.2									1.4	4.7
WSW	.3	.4	.1									.8	4.7
W	.8	.5	.1	.3								1.7	5.3
WNW		1.0	.1	.6								1.7	[illegible]
NW	.2	.6	.6	.2	.2							1.9	[illegible]
NNW	.5	1.6	.5	.3								3.0	[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	[illegible]	//////
TOTALS	17.5	31.8	17.7	15.6	3.5	.9						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	1.8	2.8	3.8	.5		.2					11.5	9.0
NNE	.8	1.2	1.3	1.2								4.4	7.7
NE	1.4	1.5	.2	.3								3.4	4.4
ENE	1.3	1.0	.1	.1								2.5	4.0
E	2.3	2.5	.4	.1								5.3	4.1
ESE	1.3	1.2	.6									3.1	4.2
SE	2.6	1.7	1.6	.4	.2							6.6	5.5
SSE	1.7	3.4	2.6	2.4	.8	.1						11.0	8.1
S	2.5	6.7	4.3	6.5	1.2	.5						21.6	8.9
SSW	.6	1.3	.9	.8								3.5	7.2
SW	.9	.4		.1								1.4	4.0
WSW	.3	.2	.1									.6	3.7
W	.3	.3	.3	.1								1.1	5.9
WNW		1.0		.2								1.2	6.9
NW	.6	1.0	.6	.3	.2							2.8	7.1
NNW	.8	2.5	2.2	1.0								6.3	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.7	//////
TOTALS	19.7	27.6	18.1	17.2	2.9	.6	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	3.1	4.3	3.0	.5							12.7	8.4
NNE	.9	1.1	1.5	1.2	.4							5.1	8.6
NE	1.1	2.0	1.1	.3								4.5	5.5
ENE	1.1	.6	.1	.2								2.0	4.7
E	1.3	2.2	.6	.1								4.2	4.6
ESE	1.2	1.4	.5	.1								3.2	4.8
SE	1.6	1.5	1.9	.3		.3						5.7	6.8
SSE	2.2	3.4	4.6	1.8	.2							12.3	7.3
S	2.2	6.8	5.6	4.8	1.9	.2						21.5	8.9
SSW	1.0	.9	1.0	.8								3.5	7.0
SW	.6	.3	.5	.2								1.7	5.9
WSW	.3	.2	.2									.8	4.3
W	.6	.6	.3	.1								1.7	5.1
WNW	1.1	.9	.1	.2								2.3	4.3
NW	.1	1.2	.9	.5	.2	.2						3.1	9.1
NNW	.8	1.4	2.2	1.2								5.5	8.1
VARIABLE													
CALM												10.2	
TOTALS	17.6	27.6	25.5	14.9	3.3	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	2.0	5.4	6.0	.4							14.3	10.3
NNE	.2	1.2	1.6	1.7	.1							4.8	9.4
NE	.3	1.0	1.9	.4	.1							3.8	7.9
ENE	.4	1.1	1.0									2.5	5.8
E	.5	1.7	.9									3.1	5.1
ESE	.6	1.6	1.5	.1			.1					4.0	6.5
SE	.4	1.5	1.5	.9	.1		.1					4.5	8.3
SSE	.3	1.9	2.5	3.2	.2							8.2	9.6
S	1.1	3.1	6.7	8.2	3.9	1.5						24.4	12.1
SSW	.4	1.5	2.4	3.5	.6	.1						8.6	10.5
SW	.3	.8	.6	.6	.4							2.8	9.8
WSW	.3	1.1	1.1	.2								2.7	6.6
W	.3	1.3	.4	.3	.1							2.5	6.9
WNW	.5	.9	.9		.1							2.4	6.6
NW	.3	1.3	.9	.6	.3	.1						3.5	9.0
NNW	.4	1.2	2.2	1.3	.4	.3						5.8	9.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.2	//////
TOTALS	7.1	23.1	31.3	27.2	6.9	2.0	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.6	4.6	6.1	.1							13.3	10.2
NNE	.5	.5	2.0	2.2	.5							5.8	10.6
NE	.2	1.0	1.6	.6	.1							3.5	8.5
ENE	.4	.5	.5									1.5	5.1
E	.2	1.6	.4									2.3	5.3
ESE	.4	.5	.6									1.6	5.4
SE	.1	1.4	1.7	1.1	.1							4.4	8.3
SSE	.4	1.5	3.0	2.5	.8	.1						8.3	10.2
S	.9	2.0	7.0	8.7	3.9	1.4	.1					24.0	12.7
SSW	.4	1.3	2.3	3.2	1.8	.6	.1					9.8	12.7
SW	.2	.3	1.7	1.2	.8	.1						4.3	11.7
WSW		.6	.6	.3								1.6	8.4
W	.4	.8	.9	.3	.1							2.5	7.9
WNW	.1	.4	1.1	.2								1.8	7.6
NW	.6	.8	1.5	1.5	.2	.2						4.8	9.9
NNW	.3	1.7	2.5	2.6	.5							7.6	9.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.8	//////
TOTALS	6.2	16.7	32.2	30.5	8.9	2.5	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	2.3	4.5	5.5	.6							13.4	10.3
NNE	.4	.9	2.4	1.8	.1							5.6	9.3
NE	.4	1.2	1.6	.2								3.4	6.6
ENE	.6	.6	.5									1.8	5.1
E	.9	1.1	.2									2.2	4.1
ESE	.8	.9	.2	.1								1.9	4.7
SE	.4	1.0	1.1	1.1	.1							3.7	8.9
SSE	.4	2.7	3.3	3.7	.8	.2						11.1	9.7
S	.9	2.7	6.2	9.1	2.8	2.0						23.8	12.4
SSW		1.3	1.0	3.0	1.2	.2	.1					6.8	12.7
SW	.2	.6	1.5	.8	.3							3.4	9.3
WSW	.9	.3	.4	.2		.1						1.9	6.1
W	.6	1.0	.5	.6	.3							3.1	8.3
WNW	.6	.8	.4	.3								2.2	6.3
NW	.1	.5	1.6	1.0		.4						3.7	10.9
NNW	.5	1.8	3.7	2.5	.2	.2						8.9	9.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	8.4	19.6	29.2	29.9	6.5	3.2	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	5.7	4.8	2.6	1.0	.1						16.5	8.0
NNE	1.8	1.9	1.3	.6	.4							6.1	6.9
NE	1.1	1.7	.9	.3								4.0	5.3
ENE		.6										.6	5.0
E	1.8	1.8	.1		.1							3.9	4.0
ESE	1.5	1.2	.6	.1								3.4	4.8
SE	2.2	2.8	1.3	1.3								7.5	6.3
SSE	2.4	4.1	5.2	3.2	.4							15.3	7.9
S	1.9	4.4	4.5	4.6	1.0	.3						16.8	9.1
SSW	.4	1.1	1.2	.2	.2	.1						3.2	8.1
SW	.5	.1										.6	2.2
WSW	.1	.1	.1	.2								.5	9.2
W	.3	.3	.3	.2								1.2	6.4
WNW	.4	.1	.2		.2							1.0	8.2
NW	.3	.6	.3	.1	.1							1.5	6.2
NNW	.6	2.2	1.2	.4	.2	.1						4.7	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.1	//////
TOTALS	17.7	28.8	22.0	14.0	3.7	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	5.1	4.4	2.2	.3	.2						13.7	7.7
NNE	1.2	1.9	1.2	1.5	.4							6.2	8.1
NE	1.3	1.0	1.0	.2								3.4	5.6
ENE	1.2	1.7	.5									3.4	4.2
E	2.6	1.7	1.0									5.3	4.2
ESE	1.1	1.5	.9									3.4	4.7
SE	1.2	3.8	2.0	1.1	.1							8.2	6.8
SSE	1.3	3.8	4.2	3.3	.8	.1						13.4	8.6
S	2.3	5.3	4.0	5.5	1.6	.4						19.0	9.4
SSW	.6	.8	1.0	.6	.1	.1						3.2	8.1
SW	.2	.2										.4	3.5
WSW		.1	.1									.2	5.5
W	.3	.2		.3								.9	6.8
WNW	.1	.2	.3	.6	.1							1.4	10.8
NW	.1	.6		.1								.9	5.9
NNW	.4	1.7	.3	.1	.3							2.9	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.0	//////
TOTALS	15.4	29.6	20.9	15.6	3.8	.9						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	3.1	4.1	4.0	.5	.1	.0					13.5	6.9
NNE	.8	1.3	1.5	1.4	.3							5.4	6.5
NE	.8	1.4	1.1	.3	.0							3.7	6.1
ENE	.8	1.0	.4	.1								2.2	4.7
E	1.5	1.8	.5	.0	.0							3.8	4.3
ESE	1.0	1.2	.7	.1			.0					3.1	5.0
SE	1.2	2.1	1.6	.8	.1	.0	.0					6.0	6.9
SSE	1.2	3.3	3.7	2.9	.6	.1						11.7	8.6
S	1.7	4.5	5.4	6.6	2.2	.9	.0					21.3	10.5
SSW	.6	1.1	1.3	1.6	.6	.1	.0					5.3	10.2
SW	.4	.4	.6	.4	.2	.0						2.0	8.3
WSW	.3	.4	.3	.1		.0						1.2	6.3
W	.5	.6	.4	.3	.1							1.8	6.8
WNW	.4	.6	.4	.3	.1							1.7	7.1
NW	.3	.8	.8	.6	.2	.1						2.8	8.9
NNW	.6	1.8	1.8	1.2	.2	.1						5.6	8.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.0	//////
TOTALS	13.7	25.6	24.6	20.6	4.9	1.4	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.8	4.6	4.4	1.0	.2	.1	.1				14.7	6.9
NNE	1.0	2.6	3.7	1.4	.1							8.8	7.7
NE	.2	1.0	.4	.4	.2							2.3	[illegible]
ENE	.6	1.1	.8	.1								2.[illegible]	5.6
E	1.3	1.9	.4									3.7	4.[illegible]
ESE	1.0	.9	.4									2.[illegible]	4.4
SE	1.3	1.3	1.1	.2								4.[illegible]	[illegible]
SSE	1.6	3.8	3.1	1.9	.4	.3						11.1	8.2
S	2.6	3.8	5.0	4.9	1.6	.1						17.9	9.2
SSW	1.3	1.8	1.9	1.0	.2							6.[illegible]	7.3
SW	.3	.8	.4									1.6	5.1
WSW	.3	.6	.2									1.1	4.5
W	.9	1.3	.4									2.7	4.6
WNW	.2	.7	.2	.4								1.6	7.2
NW	.2	1.1	1.2	.3	.1							3.[illegible]	7.7
NNW	.6	.7	.8	1.8	.8	.4						5.[illegible]	1[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.8	//////
TOTALS	14.7	26.0	24.8	17.0	4.4	1.1	.1	.1				100.[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	5.1	4.1	3.2	1.2	1.0						15.8	10.3
NNE	1.1	1.8	3.2	2.8	.2	.1	.1					9.3	9.1
NE	.9	1.3	.6	.2	.2							3.2	6.0
ENE	1.0	1.0	.3	.1								2.4	4.8
E	1.3	2.2	.4									4.0	4.4
ESE	.8	1.8	.4									3.0	5.0
SE	1.6	1.1	.6	.2								3.4	4.8
SSE	1.2	3.3	1.8	2.1	.4	.3						9.2	8.5
S	2.8	4.6	4.2	5.1	.8	.2						17.7	8.8
SSW	.9	1.4	1.1	.4		.2						4.1	7.3
SW	.4	1.0	.2	.3								2.0	5.8
WSW	.6	.8	.6									1.9	4.8
W	.6	1.0	.3									1.9	4.9
WNW	.7	.4	.4	.6								2.1	7.1
NW	.1	.9	.8	.2	.4	.2						2.7	10.6
NNW	.7	1.3	1.2	2.4	.9	.2						6.8	11.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.4	//////
TOTALS	15.7	27.1	20.3	17.8	4.2	2.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.9	4.2	4.8	1.7	.7	.1					15.7	10.8
NNE	.9	2.7	2.6	2.1	.2							8.4	8.3
NE	1.0	.9	.6	.4								2.9	5.7
ENE	1.1	1.1	1.0									3.2	5.2
E	1.9	.8	.9	.2								3.8	4.7
ESE	.9	.7	.9									2.4	5.5
SE	.7	1.3	.8	.6	.1							3.4	6.7
SSE	1.1	4.4	2.3	1.3								9.2	6.8
S	2.9	3.6	4.0	5.9	1.3	.2						17.9	9.5
SSW	.9	1.2	.8	.2	.2	.1						3.4	7.2
SW	.7	.9	.4									2.0	4.6
WSW	.6	.7	.3	.1								1.7	5.1
W	.6	1.0	.3									1.9	4.4
WNW	.7	.4	.7	.3								2.1	6.1
NW	.3	1.0	.6	.7	.4	.3						3.3	10.7
NNW	.7	1.2	1.7	2.2	.6	.3						6.7	10.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.9	//////
TOTALS	16.1	24.8	22.0	18.9	4.6	1.7	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724565 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.1	3.8	7.3	2.6	.6	.1					17.6	11.9
NNE	.7	1.2	2.6	2.4		.2						7.1	9.7
NE	.3	.4	1.0									1.8	6.4
ENE	.6	.7	.4	.2								1.9	5.8
E	.7	.8	1.8	.6								3.8	7.2
ESE	.8	1.0	.9	.4								3.1	6.7
SE	.6	1.9	.9	.6								3.9	6.6
SSE	.9	1.6	3.2	2.2	.4							8.3	8.9
S	2.3	3.3	4.3	6.6	2.7	.7	.1					20.0	10.9
SSW	.9	1.7	2.6	1.9	.6	.2	.1					7.9	9.9
SW	.4	.7	.8		.1							2.0	6.2
WSW	.3	.6	.8	.4								2.1	7.2
W	.9	.9	1.0	.6								3.3	6.6
WNW		.4	.7	.1								1.2	7.1
NW	.4	.6	1.3	1.1	.2							3.7	9.3
NNW	1.3	1.2	1.9	2.7	.6	.9						8.6	11.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.8	//////
TOTALS	12.7	19.0	27.9	27.1	7.1	2.6	.3					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.9	5.1	8.1	2.0	.4						17.2	12.0
NNE	.3	.9	1.8	3.2	.2	.2						6.7	10.9
NE	.4	1.1	.4	.3	.1							2.4	6.8
ENE	.6	.1	.6	.2								1.4	6.5
E	.4	.7	.9	.4								2.4	7.1
ESE	.1	.6	.8	.6								2.0	8.3
SE	.8	.7	1.3	.4	.1							3.3	7.3
SSE	.3	.9	2.7	2.4	.7	.1						7.1	10.4
S	1.3	2.9	3.8	7.3	3.2	1.4	.1					20.1	12.4
SSW	.8	2.3	1.9	4.0	1.3	.8						11.1	11.3
SW	.8	.9	1.7	1.1	.1							4.6	8.0
WSW	.3	1.1	.9	.6								2.9	7.2
W	.9	.8	.6	.8								3.0	6.9
WNW	.2	.6	1.3	.1	.3							2.6	8.8
NW		.4	1.0	1.0	.6	.2						3.2	12.7
NNW	.6	1.7	1.8	2.3	.9	.8						8.0	11.4
VARIABLE													
CALM												1.9	
TOTALS	8.6	16.4	26.4	33.0	9.6	4.0	.1					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	2.3	5.7	7.4	1.6	.4	.1					15.3	11.1
NNE	.6	.9	3.6	2.0	.2	.1						7.3	9.5
NE	.8	.9	.7		.2							2.6	6.2
ENE	.2	1.2	.6									2.0	5.7
E	.7	.4	.3	.1								1.6	5.0
ESE	.6	1.1	.9	.3								2.9	6.6
SE	.2	.3	1.4	.3								2.3	8.4
SSE	.9	1.7	1.9	3.0	.7	.1						8.2	9.8
S	1.4	2.7	5.0	7.4	3.8	.9						21.2	11.4
SSW	1.2	2.4	3.2	1.2	.3	.1						8.6	8.0
SW	.6	.7	1.0	.9	.2		.1					3.4	9.5
WSW	.2	1.2	.9	.3								2.7	7.0
W	1.0	1.0	.6	.3								2.9	5.8
WNW	.3	.4	1.1	.7	.2							2.8	9.2
NW	.1	.8	.9	.6	.6							2.9	10.2
NNW	.1	1.4	2.1	2.1	.6	.4						6.9	11.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.6	//////
TOTALS	9.7	19.6	29.8	26.9	8.3	2.1	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	3.9	5.4	3.8	.9	.4	.3					16.7	9.5
NNE	.8	1.0	2.9	1.4	.3							6.4	8.7
NE	1.0	1.3	.3	.1								2.8	4.8
ENE	1.1	1.3	.2									2.7	4.0
E	.8	2.0	1.0									3.8	5.4
ESE	.8	1.9	.6	.1								3.3	5.2
SE	1.2	1.2	1.7	.1								4.2	5.8
SSE	2.7	4.4	3.1	2.6	.2							13.0	7.1
S	2.8	4.7	3.9	4.6	.7	.1	.1					16.8	8.5
SSW	.3	2.0	.7	.1	.1							3.2	6.0
SW	.2	.2	.1	.1								.7	6.3
WSW	.1	.1	.1		.2							.6	11.4
W		1.1	.3	.3	.1							1.9	7.7
WNW		.3	.3	.1	.1		.1					1.0	11.3
NW	.7	.8	1.0	.7								3.1	7.3
NNW	.8	2.0	1.3	1.3	.3	.2						6.0	8.4
VARIABLE													
CALM												13.9	
TOTALS	15.1	28.3	23.0	15.3	3.0	.8	.6					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.6	4.0	4.9	1.0	.1	.3					14.4	10.1
NNE	.8	2.1	2.6	1.2		.1						6.8	7.9
NE	1.3	1.1	1.2	.3								4.0	6.0
ENE	.9	1.0	.8									2.7	5.1
E	1.0	2.9	.2									4.1	4.4
ESE	.9	.9	.6									2.3	4.4
SE	1.0	2.0	1.6	.3								4.9	6.0
SSE	1.4	4.1	3.9	1.7	.2	.1						11.4	7.4
S	2.8	3.4	4.7	5.9	1.3	.8						18.9	9.8
SSW	.7	1.0	.8	.8								3.2	6.9
SW	.4	.4	.2									1.1	3.8
WSW	.1	.3										.4	4.0
W	.8	.6	.3	.1		.1						1.9	5.9
WNW	.4	.7	.3	.1	.3		.1					2.0	8.8
NW	.3	1.4	2.1	.9	.1							4.9	8.3
NNW	.2	1.2	.9	1.2	.8							4.3	10.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.6	//////
TOTALS	14.7	25.8	24.1	17.4	3.8	1.2	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.6	4.6	5.5	1.5	.5	.1	.0				16.0	10.8
NNE	.8	1.6	2.8	2.1	.2	.1	.0					7.6	8.9
NE	.7	1.0	.7	.2	.1							2.7	6.2
ENE	.7	.9	.6	.1								2.4	5.2
E	1.0	1.5	.7	.2								3.4	5.2
ESE	.7	1.1	.7	.2								2.7	5.7
SE	.9	1.2	1.2	.3	.0							3.7	6.2
SSE	1.3	3.0	2.7	2.2	.4	.1						9.7	8.2
S	2.4	3.6	4.4	6.0	1.9	.6	.0					18.8	10.2
SSW	.8	1.7	1.6	1.2	.3	.2	.0					5.9	8.7
SW	.5	.7	.6	.3	.1		.0					2.2	6.9
WSW	.3	.7	.5	.2	.0							1.7	6.4
W	.7	1.0	.5	.3	.0	.0						2.4	5.9
WNW	.3	.5	.6	.3	.1		.0					1.9	8.1
NW	.3	.9	1.1	.7	.3	.1						3.3	9.5
NNW	.6	1.3	1.5	2.0	.7	.4						6.5	10.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.0	//////
TOTALS	13.3	23.4	24.8	21.7	5.6	2.0	.2	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	3.0	3.9	6.5	1.7							16.7	10.3
NNE	.5	1.5	1.9	1.3	.5	.1						5.9	9.4
NE	.4	1.0	1.6	.3								3.3	6.9
ENE	.8	1.2	1.0	.2								3.1	5.6
E	1.6	1.1	.4	.1								3.2	4.3
ESE	.5	1.3		.1								1.9	4.1
SE	.5	1.5	.5	.2								2.8	5.5
SSE	.9	3.0	1.5	1.9	.5							7.8	8.4
S	2.8	4.2	3.8	4.7	1.9	.5						18.0	9.5
SSW	1.3	2.4	1.9	1.1	.2							6.9	7.0
SW	.5	1.4	.8	.1								2.8	5.7
WSW	.2	1.0	.2									1.4	5.1
W	.3	.9	.2	.1	.3							1.8	7.6
WNW	.2	1.1	.1			.3						1.7	7.9
NW	.2	1.6	1.1	.3	.2							3.4	7.9
NNW	.5	1.4	1.4	3.0	1.0	.3						7.6	11.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.5	//////
TOTALS	13.0	27.4	20.3	20.0	6.5	1.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	3.2	3.0	7.8	2.8	.2						19.2	10.9
NNE	1.1	1.2	1.8	.9	.3							5.3	7.8
NE	.3	1.0	1.8	.6								3.8	7.7
ENE	.6	.9	.9	.1								2.5	5.9
E	1.0	1.1	.6	.1								2.8	5.1
ESE	.8	1.6	.5	.1								3.0	4.8
SE	.5	1.2	.3	.2								2.3	5.3
SSE	.8	3.7	2.4	.8	.8							8.3	7.7
S	3.7	4.1	4.4	3.5	1.5	.3						17.5	8.6
SSW	1.3	2.3	1.2	1.3	.4							6.5	7.9
SW	.8	1.1	.3	.3								2.5	5.5
WSW	.4	1.0	.3									1.7	5.2
W	.8	.8	.4									1.9	4.7
WNW	.1	.5	.1	.2	.1							1.1	8.0
NW	.3	2.0	1.5	.5	.3							4.7	7.7
NNW	.6	1.7	2.2	2.9	.8	.2						8.4	10.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.6	//////
TOTALS	15.2	27.2	21.8	19.5	7.0	.8						100.0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	3.2	4.0	10.4	2.2	.4						21.6	11.3
NNE	.3	1.2	1.8	.9	.2							4.4	8.9
NE	.2	.9	1.3	.9		.2						3.4	9.5
ENE	.2	1.0	.9	.3								2.4	6.7
E	.9	1.3	.3									2.5	4.3
ESE	.9	.8	.6	.2								2.5	5.6
SE	1.2	1.9	1.1	.1								4.3	5.2
SSE	1.4	3.0	3.3	1.1	.3							9.1	7.4
S	2.4	3.2	4.0	3.3	1.2	.3						14.4	8.9
SSW	.4	2.6	1.5	1.3	.3							6.1	8.1
SW	.8	1.1	.5	.1								2.5	5.3
WSW	.5	.4	.1									1.1	3.9
W	1.0	1.0	.9	.4								3.2	6.2
WNW	.6	.5	.5		.1							1.8	5.8
NW	.8	1.2	1.4	.4	.1	.2						4.1	8.1
NNW	1.5	.8	1.9	2.0	.8	.2						7.2	9.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.4	//////
TOTALS	14.4	24.0	24.2	21.5	5.2	1.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	3.1	5.6	8.6	2.3	.8						21.0	11.6
NNE	.2	1.4	1.8	2.2	.5	.3						6.5	10.9
NE	.6	1.2	.9	1.1								3.8	7.3
ENE	.2	.4	1.3	.1								2.0	7.5
E	.5	1.6	.8	.2								3.1	5.8
ESE	.3	.9	.8	.4								2.4	7.1
SE	.9	.6	1.6	.5								3.7	6.9
SSE	.2	1.4	3.0	1.8	.2	.1						6.8	9.6
S	1.0	2.9	4.0	5.5	2.2	1.0						16.5	11.6
SSW	.8	1.2	1.7	1.4	.8	.3						6.1	10.2
SW	1.0	.4	.6	.6	.1							2.8	6.7
WSW	.2	.5	.8									1.5	6.5
W	.9	1.1	.4	.2	.1							2.7	5.3
WNW	.5	1.0	.4	.5	.1							2.6	7.7
NW	.6	.8	1.1	1.2	.4							4.1	9.1
NNW	.9	1.2	1.9	3.5	1.5	.2						9.2	11.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.4	//////
TOTALS	9.5	19.7	26.7	28.0	8.2	2.7						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	2.7	5.2	8.8	3.4	.6	.1					21.3	12.6
NNE	.3	1.3	1.3	2.4	.5	.1						5.9	11.0
NE	.3	1.0	1.0	.5	.1							2.9	7.6
ENE		.8	.9	.2								1.8	7.6
E	.8	.9	.2									1.8	3.8
ESE	.4	.3	.3	.2								1.3	6.3
SE	.3	.3	.6	.4								1.7	8.1
SSE	.6	1.5	1.1	2.7	.5	.1						6.6	10.4
S	.5	1.9	4.0	5.9	2.6	1.8	.2					17.0	13.2
SSW	.3	2.0	3.0	2.0	1.5	.3						9.2	10.9
SW	1.4	1.1	.9	1.6	.2							5.2	8.1
WSW	.5	.5	.6	.2	.1							2.0	6.7
W	.3	1.5	.9	.1								2.8	6.0
WNW		.9	.9	.6		.1						2.5	9.6
NW	.9	.9	.8	2.2	.6	.2						5.5	10.6
NNW	.3	1.2	1.2	4.3	1.5	.3						8.8	12.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.7	//////
TOTALS	7.5	18.7	22.7	32.3	11.2	3.7	.3					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	2.8	6.0	8.7	2.5	.2						20.8	11.5
NNE	.6	1.4	1.9	2.5	1.0							7.4	10.3
NE	.3	.5	1.1	.5	.1							2.6	8.0
ENE	.9	.6	.3									1.8	4.1
E	.8	1.1	.2									2.0	4.3
ESE	.3	.9	.3		.1							1.6	6.0
SE	.8	1.2	.6	.3								2.9	5.9
SSE	.5	1.0	1.8	2.0	.5	.1						6.0	10.4
S	2.5	2.2	4.7	5.8	2.5	.8	.1					18.5	11.2
SSW	.8	1.7	2.9	2.6	1.2							9.1	10.2
SW	.8	.6	.9	1.0	.1							3.3	6.1
WSW	.2	1.0	.8	.5								2.5	7.5
W	.2	1.2	.8	.3								2.5	6.7
WNW	.2	.6	.4	.1		.1						1.5	7.5
NW	.3	1.0	.9	1.3	.3	.1						3.9	9.9
NNW	.4	.5	2.4	5.2	1.5	.5						10.5	12.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.0	//////
TOTALS	10.1	16.3	26.0	30.9	9.8	1.8	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	3.8	4.9	5.5	1.4	.5						17.6	10.1
NNE	1.1	2.6	2.5	1.9	.5							8.6	8.5
NE	.8	.6	.8	.5								2.7	6.5
ENE	.3	1.1	.4									1.8	5.5
E	1.4	1.4	.3									3.1	4.2
ESE	.6	1.3	.8	.2								2.9	5.7
SE	.3	1.9	1.3	.3								3.9	6.3
SSE	1.9	2.8	3.2	1.3		.1						9.4	6.9
S	3.0	3.7	4.4	3.9	1.6	.1						16.7	8.8
SSW	1.3	1.8	1.1	1.3	.3							5.8	7.3
SW	.3	.8	.5									1.6	5.3
WSW	.6	.2										.9	2.8
W	.5	.3	.3		.1							1.3	6.0
WNW	.2	.4	.3	.2								1.2	6.8
NW	.2	1.4	.9	.1								2.6	6.2
NNW	.6	2.0	2.0	3.7	.6							9.1	10.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.8	//////
TOTALS	14.9	26.2	23.7	19.0	4.6	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	3.0	5.5	4.9	1.8							16.6	9.7
NNE	.6	1.6	2.0	1.6	.3							6.3	8.6
NE	.8	.6	1.5	.8								3.7	7.4
ENE	.4	1.5	.5									2.5	5.1
E	1.2	1.7	.5									3.5	4.7
ESE	.8	1.0	.6	.2								2.6	5.7
SE	.2	2.0	1.0	.1								3.3	5.7
SSE	1.1	1.9	2.4	2.9	.1							8.4	8.7
S	2.8	4.0	5.6	3.8	1.6	.4						18.2	9.0
SSW	.9	1.8	2.0	1.2	.3							6.3	7.7
SW	.6	1.1	.5									2.3	4.9
WSW	.3	.6	.3	.1								1.4	5.7
W	.4	.9		.2								1.5	5.4
WNW	.4	.5	.1	.1								1.2	5.2
NW	.2	.6	1.0	.2								2.0	7.2
NNW	.9	2.3	1.5	3.0	1.2							8.8	10.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.4	//////
TOTALS	13.1	25.4	25.2	19.1	5.4	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	3.1	4.7	7.7	2.3	.3	.0					19.3	11.1
NNE	.6	1.5	1.9	1.7	.5	.1						6.3	9.4
NE	.5	.8	1.2	.7	.0	.0						3.3	7.6
ENE	.4	.9	.8	.1								2.2	6.0
E	1.0	1.3	.4	.1								2.8	4.6
ESE	.6	1.0	.5	.2	.0							2.3	5.6
SE	.6	1.3	.9	.3								3.1	6.0
SSE	.9	2.3	2.3	1.8	.4	.1						7.8	8.5
S	2.3	3.3	4.4	4.6	1.9	.7	.0					17.1	10.1
SSW	.9	2.0	1.9	1.5	.6	.1						7.0	8.8
SW	.8	.9	.6	.5	.1							2.9	6.6
WSW	.4	.7	.4	.1	.0							1.6	5.8
W	.6	.9	.5	.2	.1							2.2	6.0
WNW	.3	.7	.4	.2	.0	.1						1.7	7.5
NW	.4	1.2	1.1	.8	.3	.1						3.8	8.6
NNW	.7	1.4	1.8	3.5	1.1	.2						8.7	11.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.0	//////
TOTALS	12.2	23.4	23.8	23.8	7.2	1.6	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.3	3.3	3.7	1.0	.2	.0	.0				11.7	10.1
NNE	.8	1.6	1.8	1.2	.2	.0	.0					5.8	8.2
NE	.8	1.5	1.1	.5	.1	.0						4.0	6.5
ENE	1.0	1.5	1.0	.3	.0	.0						3.8	5.8
E	1.6	2.3	1.4	.3	.0	.0						5.7	5.6
ESE	1.0	1.4	1.0	.3	.0	.0	.0					3.7	5.9
SE	1.0	1.9	1.6	.7	.1	.0	.0					5.3	6.8
SSE	1.2	2.8	3.6	2.9	.6	.1	.0					11.1	8.9
S	1.7	3.4	5.2	6.7	2.1	.6	.0					19.9	10.7
SSW	.7	1.4	1.7	1.7	.5	.1	.0	.0				6.1	9.7
SW	.5	.7	.7	.5	.1	.0	.0					2.4	7.6
WSW	.4	.6	.4	.2	.0	.0	.0					1.6	6.4
W	.5	.7	.4	.2	.0	.0	.0					1.9	6.4
WNW	.3	.5	.4	.2	.1	.0	.0					1.5	8.0
NW	.3	.7	.7	.6	.2	.1	.0	.0				2.6	9.2
NNW	.5	1.1	1.3	1.6	.5	.2	.0	.0				5.2	10.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.9	//////
TOTALS	13.3	24.3	25.8	21.6	5.5	1.5	.1	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	2.5	6.5	9.4	2.6	.8	.1					22.8	11.9
NNE	.7	2.1	4.4	3.8	.8	.1	.0					12.0	10.0
NE	.7	2.0	2.4	1.1	.2	.0						6.4	7.9
ENE	.7	1.8	1.7	.8	.1							5.1	7.2
E	1.3	2.7	1.9	.8	.1	.1						6.4	6.7
ESE	.7	1.4	1.2	.4	.0							3.7	6.5
SE	.6	1.3	1.5	.7	.1		.0					4.2	7.5
SSE	.5	2.0	2.4	2.2	.4	.1	.0					7.6	9.3
S	.8	1.9	2.8	3.2	1.2	.3	.0					10.2	10.7
SSW	.7	.7	.9	.7	.4	.1						3.1	9.6
SW	.2	.4	.3	.2	.0							1.2	7.0
WSW	.1	.3	.3	.1	.0							.8	6.7
W	.3	.3	.3	.2	.1							1.2	7.2
WNW	.1	.3	.4	.3	.1	.0	.0					1.3	9.7
NW	.2	.5	.8	.8	.2	.1						2.7	10.3
NNW	.2	1.0	1.9	2.5	.8	.3	.0					6.8	11.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.7	//////
TOTAL	8.3	21.0	29.6	27.3	7.0	1.9	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 9822

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.6	61.8	62.5	62.7	62.8	63.1	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5
GE 20000	30.2	65.7	66.8	67.1	67.4	67.7	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
GE 18000	30.2	65.9	67.0	67.3	67.6	68.0	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
GE 16000	30.2	66.0	67.1	67.4	67.7	68.1	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6
GE 14000	30.2	66.0	67.1	67.4	67.7	68.1	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6
GE 12000	30.4	66.2	67.3	67.6	68.0	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8
GE 10000	31.5	68.1	69.1	69.5	69.8	70.1	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
GE 9000	31.8	68.4	69.5	69.8	70.1	70.4	70.5	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 8000	31.9	69.2	70.3	70.6	71.0	71.3	71.4	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 7000	32.2	69.7	70.8	71.1	71.4	71.7	71.8	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.5
GE 6000	32.6	70.6	71.9	72.3	72.6	72.9	73.0	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.7
GE 5000	33.0	72.2	73.7	74.0	74.3	74.6	74.7	74.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.4
GE 4500	33.2	73.1	74.7	75.1	75.4	75.7	75.8	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.5
GE 4000	33.3	73.9	75.5	75.8	76.1	76.5	76.6	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 3500	33.4	74.2	75.8	76.1	76.5	76.8	76.9	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.5
GE 3000	33.8	75.6	77.2	77.5	78.0	78.3	78.4	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 2500	34.0	76.6	78.4	79.0	79.5	79.8	79.9	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 2000	34.3	77.4	79.1	80.3	80.8	81.1	81.3	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	82.0
GE 1800	34.3	77.8	79.6	80.9	81.3	81.6	81.8	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 1500	34.4	78.8	80.9	82.3	83.0	83.3	83.5	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 1200	34.4	79.6	81.7	83.4	84.5	84.8	85.3	85.9	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 1000	34.4	80.6	82.8	84.7	85.9	86.5	87.0	87.7	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 900	34.4	81.2	83.5	85.7	86.9	87.4	88.1	88.8	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 800	34.4	81.5	84.4	86.7	87.8	88.7	89.4	90.1	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 700	34.4	81.6	84.7	87.0	88.3	89.1	89.8	90.6	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 600	34.4	82.0	85.5	88.4	90.0	90.9	91.6	92.5	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 500	34.4	82.0	85.7	89.0	91.0	91.9	92.8	93.7	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.8
GE 400	34.4	82.6	86.2	89.6	92.2	93.1	94.0	94.9	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.5
GE 300	34.4	82.6	86.3	89.9	92.3	93.3	94.3	95.4	96.0	97.3	97.5	97.5	97.6	97.6	97.6	97.7
GE 200	34.4	82.6	86.3	89.9	92.3	93.3	94.3	95.4	96.1	97.8	98.5	98.5	99.0	99.1	99.1	99.2
GE 100	34.4	82.6	86.3	89.9	92.3	93.3	94.3	95.4	96.1	98.1	98.7	98.7	99.4	99.5	99.8	100.0
GE 0	34.4	82.6	86.3	89.9	92.3	93.3	94.3	95.4	96.1	98.1	98.7	98.7	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.7	59.9	60.3	60.8	61.1	61.1	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.9
GE 20000	29.7	63.2	64.2	64.7	65.1	65.1	65.3	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	66.0
GE 18000	29.7	63.5	64.5	65.1	65.4	65.4	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.3
GE 16000	29.7	63.7	64.6	65.2	65.5	65.5	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.5
GE 14000	29.7	63.9	64.8	65.4	65.7	65.7	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.5	66.7
GE 12000	29.8	64.0	64.9	65.5	65.8	65.8	66.0	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.8
GE 10000	30.2	64.9	66.0	66.6	66.9	66.9	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.8
GE 9000	30.2	64.9	66.0	66.6	66.9	66.9	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.8
GE 8000	30.5	66.2	67.3	67.8	68.2	68.2	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	69.0	69.2
GE 7000	30.5	66.7	67.7	68.5	68.8	68.8	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.7	69.9
GE 6000	30.9	67.5	68.6	69.5	69.8	69.9	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.8	71.0
GE 5000	31.3	68.8	70.0	70.9	71.2	71.3	71.6	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.3	72.5
GE 4500	31.6	69.9	71.1	72.2	72.5	72.7	73.0	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.7	73.9
GE 4000	32.0	70.5	71.8	72.9	73.2	73.4	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.4	74.6
GE 3500	32.4	71.0	72.6	73.7	74.0	74.2	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.2	75.4
GE 3000	33.0	72.8	74.4	75.5	76.0	76.2	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.2	77.4
GE 2500	33.3	73.5	75.4	76.9	77.7	78.0	78.4	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.1	79.4
GE 2000	33.5	74.6	76.6	78.3	79.1	79.4	79.8	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.6	80.9
GE 1800	33.7	74.8	76.8	78.5	79.4	79.6	80.0	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.9	81.1
GE 1500	33.8	76.0	78.5	80.2	81.2	81.4	81.8	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.7	82.9
GE 1200	33.9	77.0	79.5	81.3	82.3	82.5	83.1	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.2	84.4
GE 1000	33.9	78.5	81.2	83.3	84.5	84.8	85.9	86.7	86.7	86.8	87.0	87.0	87.1	87.1	87.3	87.5
GE 900	33.9	79.1	82.0	84.2	85.5	85.8	86.9	87.6	87.6	87.7	88.0	88.0	88.1	88.1	88.3	88.5
GE 800	33.9	79.5	82.5	85.3	86.6	86.9	88.0	88.8	88.9	9.0	89.2	89.2	89.4	89.4	89.6	89.8
GE 700	33.9	79.6	82.7	85.7	87.0	87.3	88.4	89.4	89.5	89.6	89.8	89.8	89.9	89.9	90.1	90.3
GE 600	33.9	80.3	83.5	86.9	89.1	89.5	90.5	91.6	91.7	91.9	92.2	92.2	92.3	92.3	92.5	92.7
GE 500	33.9	80.6	84.0	87.4	90.0	90.4	91.8	92.9	93.0	93.3	93.5	93.5	93.7	93.7	93.9	94.1
GE 400	33.9	80.9	84.4	87.8	91.1	91.8	93.2	94.4	94.5	95.2	95.7	95.8	96.0	96.0	96.2	96.5
GE 300	33.9	80.9	84.5	88.0	91.2	92.0	93.7	94.8	95.1	96.3	97.0	97.1	97.3	97.3	97.5	98.0
GE 200	33.9	80.9	84.5	88.0	91.2	92.0	93.7	94.8	95.2	96.7	97.3	97.4	98.1	98.1	98.3	96.7
GE 100	33.9	80.9	84.5	88.0	91.2	92.0	93.7	94.8	95.3	96.8	97.5	97.6	98.4	98.4	98.9	99.6
GE 0	33.9	80.9	84.5	88.0	91.2	92.0	93.7	94.8	95.3	97.0	97.7	97.8	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.1	54.4	54.7	55.6	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.2	56.2	56.2	56.6
GE 20000	26.8	59.4	59.9	60.8	60.9	61.0	61.0	61.0	61.1	61.1	61.2	61.2	61.4	61.4	61.4	61.7
GE 18000	26.8	59.6	60.1	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.9
GE 16000	26.8	59.6	60.1	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.9
GE 14000	27.1	60.0	60.5	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.8	62.0	62.0	62.0	62.4
GE 12000	27.1	60.3	60.9	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.2	62.2	62.4	62.4	62.4	62.7
GE 10000	28.3	62.9	63.5	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.8	64.8	65.1	65.1	65.1	65.4
GE 9000	28.3	62.9	63.5	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.8	64.8	65.1	65.1	65.1	65.4
GE 8000	29.4	65.3	66.1	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.6	67.6	67.6	68.0
GE 7000	29.5	65.4	66.3	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.8	67.8	67.8	68.2
GE 6000	29.9	66.3	67.4	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7	68.9	68.9	68.9	69.2
GE 5000	30.5	67.6	68.7	69.6	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.3	70.3	70.3	70.6
GE 4500	30.9	69.0	70.3	71.3	71.5	71.6	71.6	71.6	71.7	71.7	71.8	71.8	72.0	72.0	72.0	72.4
GE 4000	31.2	69.8	71.1	72.0	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.8	72.8	72.8	73.1
GE 3500	31.4	70.5	71.9	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.7	73.7	73.7	74.0
GE 3000	31.6	71.7	73.3	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.9	74.9	75.2	75.2	75.2	75.5
GE 2500	32.4	73.2	75.1	76.1	76.5	76.7	76.8	76.9	77.1	77.1	77.2	77.2	77.4	77.4	77.4	77.7
GE 2000	32.9	74.6	76.5	77.5	78.0	78.2	78.3	78.4	78.7	78.7	78.8	78.8	79.0	79.0	79.0	79.4
GE 1800	33.3	75.2	77.3	78.4	78.8	79.0	79.1	79.2	79.6	79.6	79.7	79.7	79.9	79.9	79.9	80.2
GE 1500	33.4	76.0	78.4	79.6	80.1	80.3	80.4	80.6	81.1	81.2	81.3	81.3	81.5	81.5	81.5	81.8
GE 1200	33.5	76.8	79.2	80.6	81.2	81.5	81.8	82.2	82.6	82.7	82.8	82.8	83.0	83.0	83.0	83.3
GE 1000	33.7	77.5	80.1	81.7	82.3	82.6	82.9	83.2	83.7	84.1	84.2	84.2	84.4	84.4	84.4	84.7
GE 900	33.7	78.0	80.6	82.4	82.9	83.2	83.7	84.0	84.4	84.8	84.9	84.9	85.2	85.2	85.2	85.5
GE 800	33.7	78.5	81.5	83.3	83.9	84.2	84.6	84.9	85.4	85.9	86.0	86.0	86.2	86.2	86.2	86.6
GE 700	33.7	79.0	82.7	84.8	86.0	86.3	86.8	87.1	87.5	88.1	88.2	88.2	88.4	88.4	88.4	88.7
GE 600	33.7	79.4	83.3	85.8	88.0	88.3	88.9	89.5	89.9	90.5	90.6	90.6	90.9	90.9	90.9	91.2
GE 500	33.7	79.4	83.4	86.2	88.6	89.0	90.0	90.6	91.3	92.0	92.3	92.3	92.5	92.5	92.5	92.8
GE 400	33.7	79.6	83.7	86.5	89.8	90.4	91.9	92.8	93.5	94.3	94.5	94.5	94.7	94.7	94.7	95.1
GE 300	33.7	79.7	83.9	86.7	90.0	90.9	92.7	93.7	94.6	95.7	96.2	96.3	96.7	96.7	96.7	97.0
GE 200	33.7	79.7	83.9	86.7	90.0	90.9	92.9	94.0	95.3	96.6	97.2	97.3	97.7	97.7	97.8	98.3
GE 100	33.7	79.7	83.9	86.7	90.0	90.9	92.9	94.0	95.3	96.8	97.5	97.7	98.2	98.4	98.6	99.5
GE 0	33.7	79.7	83.9	86.7	90.0	90.9	92.9	94.0	95.3	96.8	97.5	97.7	98.2	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.9	54.3	55.2	55.4	55.6	55.6	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.5
GE 20000	28.1	60.3	61.2	61.4	61.6	61.6	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.7
GE 18000	28.1	60.4	61.3	61.5	61.7	61.7	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.8
GE 16000	28.1	60.5	61.4	61.6	61.8	61.8	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.6	62.9
GE 14000	28.6	61.1	61.9	62.2	62.4	62.4	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.4
GE 12000	28.8	61.6	62.5	62.7	62.9	62.9	63.3	63.3	63.3	63.3	63.[illegible]	63.4	63.5	63.5	63.7	64.0
GE 10000	30.2	63.8	64.6	64.8	65.1	65.1	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.8	66.1
GE 9000	30.2	63.8	64.6	64.8	65.1	65.1	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.8	66.1
GE 8000	31.2	65.8	66.9	67.1	67.3	67.3	67.7	67.7	67.7	67.7	67.8	67.8	68.0	68.0	68.1	66.4
GE 7000	31.7	66.5	67.5	67.7	68.0	68.0	68.4	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.7	69.0
GE 6000	32.2	67.3	68.5	69.0	69.2	69.2	69.7	69.8	69.8	69.8	70.0	70.0	70.1	70.1	70.2	70.5
GE 5000	32.5	69.0	70.5	71.1	71.3	71.3	71.7	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.3	72.6
GE 4500	32.5	69.0	70.5	71.1	71.3	71.3	71.7	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.3	72.6
GE 4000	33.1	70.2	71.8	72.5	72.7	72.7	73.1	73.2	73.2	73.2	73.4	73.4	73.5	73.5	73.7	74.0
GE 3500	33.2	70.9	72.6	73.2	73.5	73.5	74.0	74.1	74.1	74.1	74.3	74.3	74.4	74.4	74.5	74.8
GE 3000	33.3	71.2	73.1	74.0	74.4	74.4	74.8	74.9	74.9	75.1	75.3	75.3	75.4	75.4	75.5	75.8
GE 2500	33.9	72.3	74.2	75.1	75.5	75.5	75.9	76.3	76.3	76.5	76.7	76.7	76.8	76.8	76.9	77.2
GE 2000	34.6	73.1	75.2	76.0	76.5	76.5	77.1	77.6	77.6	77.7	78.0	78.0	78.1	78.1	78.2	78.5
GE 1800	34.7	73.7	75.8	76.7	77.1	77.1	77.7	78.4	78.4	78.5	78.7	78.7	78.8	78.8	78.9	79.2
GE 1500	34.7	74.2	76.7	78.3	78.7	78.7	79.4	80.2	80.3	80.5	80.9	80.9	81.0	81.0	81.1	81.4
GE 1200	34.7	75.3	77.7	79.5	80.1	80.1	81.1	82.2	82.3	82.5	82.8	82.8	82.9	82.9	83.0	83.3
GE 1000	34.7	75.5	78.3	80.4	81.3	81.3	82.3	83.4	83.7	84.3	84.7	84.7	84.8	84.8	84.9	85.3
GE 900	34.7	75.8	78.8	81.0	82.3	82.4	83.5	84.8	85.1	85.7	86.1	86.3	86.5	86.5	86.6	86.9
GE 800	34.7	76.1	79.6	82.0	83.4	83.5	84.7	86.3	86.7	87.5	88.0	88.2	88.3	88.3	88.4	88.7
GE 700	34.7	76.5	80.3	82.9	84.9	85.3	86.6	88.4	88.8	89.8	90.2	90.4	90.5	90.5	90.6	91.0
GE 600	34.7	76.6	80.9	83.8	85.9	86.5	87.7	89.6	90.1	91.2	91.6	91.8	91.9	91.9	92.0	92.4
GE 500	34.7	76.6	80.9	83.8	86.1	86.8	88.4	90.4	91.0	92.0	92.6	92.8	92.9	92.9	93.0	93.4
GE 400	34.7	76.8	81.1	84.1	86.9	87.5	89.5	92.0	92.8	93.9	94.4	94.6	94.7	94.7	94.8	95.3
GE 300	34.7	76.8	81.1	84.2	87.1	87.7	89.8	92.5	93.4	95.2	95.9	96.1	96.5	96.5	96.6	97.0
GE 200	34.7	76.8	81.1	84.2	87.1	87.7	89.8	92.6	93.8	95.7	96.8	97.0	97.8	98.0	98.1	98.6
GE 100	34.7	76.8	81.1	84.2	87.1	87.7	89.8	92.6	93.8	95.7	96.8	97.0	98.1	98.2	98.5	99.4
GE 0	34.7	76.8	81.1	84.2	87.1	87.7	89.8	92.6	93.8	95.7	96.8	97.0	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.6	54.0	54.5	54.5	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	28.6	61.8	62.6	62.7	62.9	62.9	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	28.7	62.0	62.8	62.9	63.1	63.1	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	28.9	62.3	63.0	63.1	63.3	63.3	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	29.1	63.0	63.8	63.9	64.1	64.1	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	29.5	63.8	64.5	64.6	64.8	64.8	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	30.9	66.2	67.0	67.1	67.3	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	31.1	66.6	67.3	67.4	67.6	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	31.7	68.1	68.8	68.9	69.5	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	32.0	68.7	69.5	69.6	70.1	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	32.7	69.6	70.3	70.4	71.0	71.0	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	32.8	70.5	71.5	71.6	72.2	72.2	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	33.2	71.0	72.0	72.2	72.7	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	33.5	71.8	73.7	73.9	74.4	74.4	74.6	74.8	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 3500	33.8	72.3	74.1	74.3	74.8	74.8	75.1	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6
GE 3000	34.0	73.0	75.1	75.5	76.2	76.2	76.5	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 2500	34.7	74.6	76.9	77.3	78.3	78.3	78.5	78.7	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.1
GE 2000	35.1	75.7	78.3	78.8	79.8	79.8	80.1	80.4	80.5	80.6	80.6	80.6	80.9	80.9	80.9	80.9
GE 1800	35.1	76.1	78.8	79.4	80.3	80.3	80.6	81.0	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.4
GE 1500	35.4	77.4	80.1	81.1	82.0	82.0	82.5	83.0	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7
GE 1200	35.6	78.4	81.4	83.2	84.3	84.3	85.1	85.7	85.9	86.1	86.3	86.3	86.6	86.6	86.6	86.6
GE 1000	35.6	79.9	83.0	85.1	86.5	86.5	87.7	88.4	88.6	88.9	89.6	89.6	89.8	89.8	89.8	89.8
GE 900	35.6	80.4	83.5	85.8	87.4	87.4	88.8	89.5	89.7	90.0	90.6	90.6	90.9	90.9	90.9	90.9
GE 800	35.6	80.6	84.1	86.6	88.3	88.3	89.8	90.8	91.0	91.3	91.9	91.9	92.2	92.2	92.2	92.2
GE 700	35.6	80.8	84.4	87.2	89.4	89.4	91.1	92.0	92.4	92.9	93.5	93.5	93.8	93.8	93.8	93.8
GE 600	35.6	81.0	84.8	88.0	90.3	90.3	92.2	93.1	93.8	94.4	95.2	95.2	95.4	95.4	95.4	95.5
GE 500	35.6	81.1	84.9	88.2	91.0	91.0	93.0	94.2	95.2	96.0	96.8	96.8	97.0	97.0	97.0	97.1
GE 400	35.6	81.1	84.9	88.3	91.2	91.2	93.3	94.6	95.6	96.5	97.2	97.2	97.4	97.4	97.4	97.5
GE 300	35.6	81.1	84.9	88.3	91.2	91.2	93.8	95.3	96.3	97.4	98.3	98.3	98.6	98.6	98.6	98.7
GE 200	35.6	81.1	84.9	88.3	91.2	91.2	93.8	95.3	96.3	97.5	98.5	98.6	99.5	99.5	99.5	99.7
GE 100	35.6	81.1	84.9	88.3	91.2	91.2	93.8	95.3	96.3	97.5	98.5	98.6	99.6	99.6	99.7	99.9
GE 0	35.6	81.1	84.9	88.3	91.2	91.2	93.8	95.3	96.3	97.5	98.5	98.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.3	56.6	56.9	57.1	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	31.2	65.7	66.0	66.2	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	31.2	66.5	66.8	67.0	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	31.2	66.7	67.0	67.2	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	31.2	67.0	67.3	67.5	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	31.4	67.2	67.6	68.0	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	33.1	70.3	71.1	71.5	71.9	72.0	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	33.1	70.4	71.2	71.6	72.0	72.2	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	33.7	71.8	72.6	73.0	73.4	73.5	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	33.8	72.4	73.1	73.5	74.0	74.1	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	33.9	72.7	73.7	74.1	74.5	74.6	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	34.3	73.7	74.6	75.1	75.5	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	34.6	74.0	74.9	75.4	75.8	75.9	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	34.7	74.3	75.7	76.2	76.7	76.8	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	34.8	74.8	76.3	76.9	77.4	77.5	77.7	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	76.1
GE 3000	35.2	75.7	77.2	77.7	78.5	78.6	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	35.7	77.1	78.7	79.2	80.3	80.4	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	35.9	78.6	80.4	81.0	82.0	82.2	82.5	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 1800	36.2	79.2	81.1	81.6	82.7	82.9	83.2	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	36.3	80.8	82.8	83.3	84.5	84.7	85.1	85.3	65.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8
GE 1200	36.3	81.3	84.1	84.6	85.9	86.1	86.8	87.0	87.2	87.5	87.7	87.7	87.8	87.8	87.8	87.8
GE 1000	36.3	82.5	85.8	86.8	88.4	88.6	89.5	90.0	90.2	90.5	90.8	90.8	90.9	90.9	90.9	90.9
GE 900	36.3	82.6	86.0	87.1	68.9	89.1	90.0	90.9	91.1	91.4	91.7	91.7	91.8	91.6	91.8	91.8
GE 800	36.3	82.6	86.0	87.3	89.2	89.5	90.3	91.3	91.7	92.2	92.6	92.6	92.8	92.8	92.8	92.8
GE 700	36.3	82.6	86.1	87.6	90.0	90.2	91.3	92.5	93.0	93.4	93.9	93.9	94.1	94.1	94.1	94.1
GE 600	36.3	82.6	86.1	87.8	90.2	90.4	91.6	92.9	93.5	94.3	94.7	94.7	95.1	95.1	95.1	95.1
GE 500	36.3	82.6	86.2	88.2	90.8	91.0	92.3	93.9	95.1	96.0	96.6	96.6	96.9	96.9	96.9	96.9
GE 400	36.3	82.7	86.7	89.0	91.8	92.0	93.3	95.2	96.8	97.8	98.4	98.4	98.7	98.7	98.7	98.7
GE 300	36.3	82.7	86.7	89.0	91.8	92.0	93.3	95.3	96.9	98.0	98.5	98.5	99.0	99.0	99.0	99.0
GE 200	36.3	82.7	86.7	89.0	91.8	92.0	93.3	95.3	97.0	98.2	98.8	98.8	99.4	99.7	99.7	99.7
GE 100	36.3	82.7	86.7	89.0	91.8	92.0	93.3	95.3	97.0	98.2	98.8	98.8	99.4	99.7	99.8	100.0
GE 0	36.3	82.7	86.7	89.0	91.8	92.0	93.3	95.3	97.0	98.2	98.8	98.8	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.0	58.8	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	30.3	65.3	65.8	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	30.3	65.6	66.1	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	30.3	66.0	66.6	66.6	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	30.6	66.6	67.1	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	30.9	67.4	68.0	68.0	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	32.8	70.8	71.4	71.4	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	32.8	70.8	71.4	71.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	32.9	71.8	72.5	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	32.9	71.8	72.5	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 6000	32.9	71.8	72.6	72.8	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	32.9	72.5	73.2	73.4	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	33.0	72.8	73.5	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	33.4	73.5	74.3	74.6	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	33.5	74.5	75.3	75.7	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	33.9	75.8	76.6	77.0	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	34.1	77.6	78.6	79.1	79.6	79.6	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	34.7	79.2	80.9	81.5	81.9	81.9	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	34.8	79.6	81.2	81.8	82.3	82.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	34.8	81.9	83.7	84.8	85.4	85.4	85.5	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	34.8	83.0	84.7	86.0	86.9	87.1	87.2	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	34.8	84.1	86.5	88.2	89.2	89.5	89.9	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	34.8	84.3	86.7	88.5	89.6	90.0	90.4	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	34.8	84.7	87.2	89.2	90.3	90.8	91.3	92.3	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	34.8	84.7	87.2	89.5	90.6	91.2	92.2	93.1	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	34.8	85.1	87.8	90.2	91.7	92.5	93.4	94.4	94.6	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 500	34.8	85.2	88.2	90.8	92.5	93.2	94.4	95.6	95.9	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 400	34.8	85.2	88.4	91.2	93.2	94.1	95.5	96.7	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	34.8	85.2	88.4	91.2	93.2	94.1	95.5	96.8	97.3	98.1	98.2	98.2	98.4	98.4	98.4	96.4
GE 200	34.8	85.2	88.4	91.2	93.2	94.1	95.5	96.8	97.3	98.2	98.6	98.6	98.8	99.0	99.1	99.1
GE 100	34.8	85.2	88.4	91.2	93.2	94.1	95.5	96.8	97.3	98.4	98.8	99.0	99.2	99.6	99.7	100.0
GE 0	34.8	85.2	88.4	91.2	93.2	94.1	95.5	96.8	97.3	98.4	98.8	99.0	99.2	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.1	60.5	61.3	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	29.1	65.7	66.6	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	29.1	66.0	66.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	29.1	66.0	66.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	29.1	66.0	66.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	29.6	66.8	67.6	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	30.9	68.6	69.5	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	31.0	68.7	69.6	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	31.4	70.0	70.9	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	31.7	70.8	71.6	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	31.7	70.9	72.0	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	31.8	71.7	72.9	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	32.4	72.5	73.7	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	32.6	73.1	74.4	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	33.1	74.1	75.4	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	33.3	74.9	76.2	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	33.5	77.0	78.8	79.5	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	34.2	78.6	80.5	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	34.2	79.0	81.0	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	34.2	81.3	83.4	84.6	85.2	85.5	85.6	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	34.2	82.2	84.5	85.8	86.3	86.7	86.9	87.0	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	34.3	83.2	85.8	87.6	88.6	89.1	89.6	89.8	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	34.3	83.5	86.2	88.3	89.5	90.1	90.5	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	34.3	84.0	87.0	89.0	90.2	91.0	91.5	91.7	91.7	92.0	92.3	92.3	92.3	92.3	92.4	92.4
GE 700	34.3	84.1	87.1	89.2	90.4	91.2	91.7	91.9	91.9	92.3	92.5	92.5	92.5	92.5	92.6	92.6
GE 600	34.3	84.4	88.0	90.2	91.7	92.8	93.4	93.7	93.7	94.0	94.2	94.2	94.2	94.2	94.3	94.3
GE 500	34.3	84.4	88.1	90.3	91.9	93.0	94.1	94.5	94.5	94.8	95.1	95.1	95.1	95.1	95.2	95.2
GE 400	34.3	84.4	88.1	90.4	92.7	93.8	95.3	96.0	96.0	96.3	96.6	96.6	96.7	96.7	96.8	96.8
GE 300	34.3	84.4	88.3	90.6	92.9	94.0	95.6	96.6	97.0	97.4	97.8	97.8	98.0	98.0	98.2	98.2
GE 200	34.3	84.4	88.3	90.6	92.9	94.0	95.7	96.7	97.1	97.5	98.4	98.4	98.6	98.6	99.0	99.0
GE 100	34.3	84.4	88.3	90.6	92.9	94.0	95.7	96.7	97.1	97.5	98.6	98.7	98.9	98.9	99.5	99.9
GE 0	34.3	84.4	88.3	90.6	92.9	94.0	95.7	96.7	97.1	97.5	98.6	98.7	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	57.5	58.1	58.4	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.1
GE 20000	29.2	63.4	64.1	64.5	64.7	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
GE 18000	29.3	63.7	64.4	64.8	65.0	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.6
GE 16000	29.3	63.8	64.6	64.9	65.2	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.8
GE 14000	29.5	64.2	64.9	65.3	65.5	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1
GE 12000	29.7	64.7	65.4	65.8	66.0	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6
GE 10000	31.0	66.9	67.8	68.1	68.4	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
GE 9000	31.1	67.1	67.9	68.3	68.5	68.6	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.2
GE 8000	31.6	68.5	69.4	69.8	70.1	70.2	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.8
GE 7000	31.9	69.0	69.9	70.3	70.6	70.7	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.3
GE 6000	32.1	69.6	70.6	71.1	71.4	71.5	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1
GE 5000	32.4	70.8	71.9	72.4	72.7	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4
GE 4500	32.7	71.4	72.6	73.1	73.4	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.2
GE 4000	33.0	72.2	73.5	74.1	74.4	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.2
GE 3500	33.2	72.8	74.2	74.9	75.2	75.3	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.9	76.0
GE 3000	33.5	73.8	75.4	76.1	76.5	76.6	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.4
GE 2500	34.0	75.3	77.0	77.8	78.4	78.5	78.7	78.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.4
GE 2000	34.4	76.5	78.4	79.4	80.0	80.1	80.4	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.2
GE 1800	34.5	76.9	78.9	79.9	80.6	80.7	81.0	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.7
GE 1500	34.6	78.3	80.6	81.8	82.5	82.7	83.0	83.3	83.5	83.6	83.8	83.8	83.9	83.9	83.9	84.0
GE 1200	34.7	79.2	81.6	83.1	83.9	84.1	84.7	85.2	85.3	85.6	85.7	85.7	85.8	85.8	85.8	86.0
GE 1000	34.7	80.2	82.9	84.7	85.8	86.1	86.8	87.5	87.7	88.0	88.3	88.3	88.4	88.4	88.4	88.5
GE 900	34.7	80.6	83.4	85.4	86.6	86.9	87.7	88.5	88.7	89.0	89.3	89.3	89.4	89.4	89.4	89.6
GE 800	34.7	80.9	84.0	86.2	87.5	87.8	88.7	89.5	89.8	90.2	90.5	90.5	90.6	90.6	90.7	90.8
GE 700	34.7	81.1	84.4	86.7	88.3	88.8	89.7	90.6	90.9	91.4	91.7	91.7	91.8	91.8	91.9	92.0
GE 600	34.7	81.4	85.0	87.6	89.6	90.1	91.2	92.2	92.5	93.1	93.4	93.4	93.6	93.6	93.6	93.8
GE 500	34.7	81.5	85.2	88.0	90.2	90.8	92.1	93.2	93.8	94.4	94.8	94.8	94.9	94.9	95.0	95.1
GE 400	34.7	81.6	85.4	88.4	91.1	91.7	93.3	94.6	95.2	96.0	96.4	96.4	96.6	96.6	96.6	96.8
GE 300	34.7	81.7	85.5	88.5	91.2	91.9	93.6	95.0	95.8	96.9	97.4	97.5	97.8	97.8	97.8	98.0
GE 200	34.7	81.7	85.5	88.5	91.2	91.9	93.6	95.1	96.0	97.3	98.0	98.1	98.6	98.7	98.8	99.0
GE 100	34.7	81.7	85.5	88.5	91.2	91.9	93.6	95.1	96.0	97.4	98.2	98.3	98.9	99.0	99.3	99.8
GE 0	34.7	81.7	85.5	88.5	91.2	91.9	93.6	95.1	96.0	97.4	98.2	98.3	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/6	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	54.5	55.7	56.4	56.6	56.7	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.8	58.6
GE 20000	30.5	57.6	58.9	59.6	59.8	59.9	60.4	60.5	60.5	60.8	60.8	60.8	60.9	60.9	61.2	62.1
GE 18000	30.9	57.9	59.2	59.9	60.2	60.3	60.8	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.6	62.4
GE 16000	30.9	57.9	59.2	59.9	60.2	60.3	60.8	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.6	62.4
GE 14000	30.9	58.2	59.5	60.2	60.4	60.5	61.0	61.1	61.1	61.3	61.3	61.3	61.5	61.5	61.8	62.6
GE 12000	31.0	58.5	59.8	60.5	60.8	60.9	61.3	61.5	61.5	61.7	61.7	61.7	61.8	61.8	62.2	63.0
GE 10000	31.7	61.1	62.4	63.1	63.4	63.5	63.9	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.8	65.6
GE 9000	31.7	61.6	62.9	63.6	63.8	63.9	64.4	64.5	64.5	64.8	64.8	64.8	64.9	64.9	65.2	66.1
GE 8000	32.0	62.5	63.8	64.5	64.8	64.9	65.4	65.5	65.5	65.7	65.7	65.7	65.8	65.8	66.2	67.0
GE 7000	32.5	63.1	64.4	65.1	65.4	65.5	66.0	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.8	67.6
GE 6000	32.6	63.5	64.8	65.6	65.8	66.0	66.4	66.5	66.5	66.8	66.8	66.8	66.9	66.9	67.3	68.1
GE 5000	33.7	65.1	66.4	67.3	67.5	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.6	68.6	68.9	69.7
GE 4500	33.8	65.4	66.7	67.5	67.7	67.8	68.3	68.4	68.4	68.7	68.7	68.7	68.8	68.8	69.1	70.0
GE 4000	33.8	66.4	67.7	68.6	68.8	68.9	69.4	69.5	69.5	69.7	69.7	69.7	69.9	69.9	70.2	71.0
GE 3500	34.5	67.6	69.3	70.1	70.6	70.7	71.2	71.3	71.3	71.5	71.5	71.5	71.6	71.6	72.0	72.8
GE 3000	34.6	68.7	70.4	71.3	71.9	72.0	72.5	72.6	72.6	72.8	72.8	72.8	72.9	72.9	73.3	74.1
GE 2500	35.2	70.3	72.1	73.2	73.9	74.0	74.6	74.9	74.9	75.2	75.2	75.2	75.3	75.3	75.7	76.5
GE 2000	35.9	72.1	74.0	75.1	75.8	76.0	76.6	77.2	77.2	77.4	77.4	77.4	77.5	77.5	77.9	78.7
GE 1800	35.9	72.5	74.3	75.4	76.2	76.5	77.1	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.4	79.2
GE 1500	36.8	74.5	76.8	78.0	78.8	79.1	79.7	80.3	80.3	80.5	80.5	80.5	80.6	80.6	81.0	81.8
GE 1200	37.0	75.4	78.3	79.7	80.5	80.7	81.6	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.9	83.7
GE 1000	37.1	76.6	79.6	81.2	82.9	83.1	83.9	84.5	84.6	84.9	84.9	84.9	85.0	85.0	85.3	86.2
GE 900	37.1	77.0	80.1	81.9	83.9	84.2	85.1	85.6	85.9	86.2	86.2	86.2	86.3	86.3	86.6	87.5
GE 800	37.1	77.4	80.7	82.6	84.8	85.0	86.1	86.8	86.9	87.1	87.1	87.1	87.2	87.2	87.6	88.4
GE 700	37.1	77.4	81.0	83.0	85.2	85.5	86.6	87.4	87.5	87.9	87.9	87.9	88.1	88.1	88.4	89.2
GE 600	37.2	77.9	81.4	83.5	85.9	86.3	87.5	88.2	88.3	88.9	88.9	89.0	89.1	89.1	89.5	90.3
GE 500	37.2	78.0	81.9	84.3	86.8	87.2	88.4	89.6	89.7	90.8	90.9	91.0	91.1	91.1	91.5	92.3
GE 400	37.2	78.0	81.9	84.3	86.8	87.4	89.1	90.4	90.5	91.8	92.2	92.3	92.6	92.6	92.9	93.7
GE 300	37.2	78.0	82.0	84.5	87.1	87.7	89.7	91.4	91.7	93.3	93.6	93.7	94.0	94.0	94.6	95.4
GE 200	37.2	78.0	82.0	84.5	87.1	87.7	89.7	91.6	92.2	94.1	94.6	94.6	95.2	95.2	95.9	97.5
GE 100	37.2	78.0	82.0	84.5	87.1	87.7	89.8	91.7	92.3	94.2	94.7	95.2	95.5	95.6	97.2	99.4
GE 0	37.2	78.0	82.0	84.5	87.1	87.7	89.8	91.7	92.3	94.2	94.7	95.2	95.5	95.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.0	52.0	52.7	53.9	54.6	55.2	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.1	57.4
GE 20000	30.5	56.5	57.2	58.4	59.1	59.7	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.6	61.9
GE 18000	30.6	56.6	57.3	58.5	59.2	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.8	62.1
GE 16000	30.6	56.6	57.3	58.6	59.3	59.9	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.9	62.2
GE 14000	30.6	57.0	57.7	59.1	59.8	60.4	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3	62.6
GE 12000	30.6	57.2	57.9	59.3	60.0	60.6	61.2	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.6	62.9
GE 10000	31.1	59.1	59.8	61.2	61.9	62.5	63.1	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.5	64.8
GE 9000	31.1	59.5	60.2	61.6	62.3	62.9	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.8	65.1
GE 8000	31.3	60.9	61.6	63.0	63.7	64.3	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.2	66.5
GE 7000	31.7	61.3	62.1	63.5	64.2	64.8	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	67.0
GE 6000	31.9	61.9	62.6	64.1	64.8	65.4	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	67.6
GE 5000	32.9	63.0	63.7	65.1	65.8	66.4	67.0	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.4	68.7
GE 4500	33.3	63.6	64.3	65.7	66.4	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	68.0	69.3
GE 4000	33.3	64.3	65.0	66.4	67.1	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	70.0
GE 3500	33.6	64.8	65.5	66.9	67.6	68.2	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	70.4
GE 3000	34.0	66.3	67.3	68.7	69.6	70.2	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.2	72.5
GE 2500	34.0	67.4	68.6	70.1	71.0	71.6	72.2	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.6	73.9
GE 2000	34.2	68.3	69.5	71.0	72.1	72.7	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	74.9
GE 1800	34.3	69.1	70.3	71.9	73.3	73.9	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.8	76.1
GE 1500	34.8	70.7	71.9	73.4	75.1	75.8	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.7	78.0
GE 1200	35.2	72.5	73.9	75.5	77.8	78.5	79.2	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.7	81.0
GE 1000	35.5	74.1	76.1	77.9	80.4	81.1	81.9	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.5	83.8
GE 900	35.5	74.2	76.4	78.5	81.6	82.3	83.1	83.3	83.3	83.6	83.6	83.6	83.7	83.7	83.8	85.1
GE 800	35.5	75.4	77.9	80.3	83.6	84.3	85.1	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.8	87.1
GE 700	35.5	76.0	78.6	81.0	84.6	85.5	86.4	87.1	87.1	87.6	87.6	87.6	87.7	87.7	87.8	89.1
GE 600	35.5	76.0	78.6	81.2	85.2	86.2	87.2	87.9	87.9	88.5	88.5	88.5	88.7	88.7	88.8	90.1
GE 500	35.5	76.1	78.7	81.6	85.7	87.0	88.2	89.1	89.1	90.0	90.0	90.1	90.2	90.2	90.3	91.6
GE 400	35.5	76.2	78.8	81.8	85.9	87.5	88.9	90.2	90.2	91.1	91.1	91.3	91.4	91.4	91.5	92.8
GE 300	35.5	76.2	79.0	81.9	86.2	87.8	89.8	91.6	91.8	93.4	93.5	93.6	93.7	93.7	93.9	95.2
GE 200	35.5	76.2	79.0	81.9	86.2	87.8	89.8	91.6	92.1	93.7	94.0	94.1	94.6	94.8	95.3	97.0
GE 100	35.5	76.2	79.0	81.9	86.2	87.8	89.8	91.6	92.1	94.0	94.6	94.9	95.7	96.0	96.9	99.6
GE 0	35.5	76.2	79.0	81.9	86.2	87.8	89.8	91.6	92.1	94.0	94.6	94.9	95.7	96.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.7	47.6	48.5	49.2	49.4	49.9	50.6	50.7	50.7	51.1	51.3	51.3	51.4	51.4	51.5	52.4
GE 20000	26.6	52.4	53.3	54.1	54.8	55.3	56.0	56.1	56.1	56.5	56.7	56.7	56.9	56.9	57.0	57.8
GE 18000	26.6	52.5	53.4	54.3	55.0	55.4	56.1	56.3	56.3	56.6	56.9	56.9	57.0	57.0	57.1	57.9
GE 16000	26.6	52.6	53.5	54.4	55.1	55.6	56.3	56.4	56.4	56.7	57.0	57.0	57.1	57.1	57.2	58.0
GE 14000	26.8	53.1	54.0	54.8	55.6	56.0	56.7	56.9	56.9	57.2	57.4	57.4	57.6	57.6	57.7	58.5
GE 12000	27.1	54.0	55.0	55.9	56.6	57.1	57.8	57.9	57.9	58.3	58.5	58.5	58.6	58.6	58.7	59.6
GE 10000	27.7	55.8	56.9	57.8	58.5	59.0	59.7	59.8	59.8	60.2	60.4	60.4	60.5	60.5	60.6	61.5
GE 9000	27.7	56.0	57.1	58.0	58.7	59.2	59.9	60.0	60.0	60.4	60.6	60.6	60.8	60.8	60.9	61.7
GE 8000	27.8	57.3	58.4	59.3	60.0	60.5	61.2	61.3	61.3	61.7	61.9	61.9	62.1	62.1	62.2	63.0
GE 7000	27.9	57.7	58.7	59.7	60.4	60.9	61.6	61.7	61.7	62.1	62.3	62.3	62.4	62.4	62.5	63.4
GE 6000	28.0	57.9	59.0	59.9	60.6	61.1	61.8	61.9	61.9	62.3	62.5	62.5	62.6	62.6	62.8	63.6
GE 5000	28.5	59.6	60.6	61.6	62.3	62.8	63.5	63.6	63.6	63.9	64.2	64.2	64.3	64.3	64.4	65.2
GE 4500	28.6	60.0	61.1	62.1	62.8	63.2	63.9	64.1	64.1	64.4	64.7	64.7	64.8	64.8	64.9	65.7
GE 4000	28.6	60.5	61.6	62.5	63.2	63.8	64.5	64.7	64.7	65.0	65.2	65.2	65.4	65.4	65.5	66.3
GE 3500	28.8	61.3	62.4	63.4	64.1	64.7	65.4	65.5	65.5	65.8	66.1	66.1	66.2	66.2	66.3	67.1
GE 3000	29.3	62.2	63.2	64.2	65.0	65.6	66.3	66.4	66.4	66.8	67.0	67.0	67.1	67.1	67.3	68.1
GE 2500	29.7	63.7	65.1	66.1	67.1	67.7	68.6	68.7	68.7	69.1	69.4	69.4	69.5	69.5	69.6	70.4
GE 2000	29.8	65.1	66.5	67.5	68.6	69.1	70.1	70.2	70.2	70.7	70.9	70.9	71.0	71.0	71.2	72.0
GE 1800	29.8	65.2	66.9	67.8	68.9	69.5	70.4	70.6	70.6	71.2	71.4	71.4	71.5	71.5	71.6	72.5
GE 1500	30.3	67.1	69.3	70.2	71.5	72.2	73.4	73.6	73.6	74.3	74.6	74.6	74.7	74.7	74.8	75.7
GE 1200	31.1	69.5	71.7	72.8	74.5	75.2	76.5	76.7	76.7	77.5	77.8	77.8	77.9	77.9	78.0	78.8
GE 1000	31.3	71.3	73.8	75.2	76.8	77.5	79.1	79.4	79.4	80.3	80.5	80.5	80.7	80.7	80.9	81.7
GE 900	31.3	72.2	74.7	76.4	78.3	79.0	80.6	81.1	81.1	82.0	82.4	82.4	82.6	82.6	82.7	83.6
GE 800	31.3	72.9	75.5	77.7	79.7	80.4	82.2	82.7	82.7	83.8	84.2	84.2	84.4	84.4	84.5	85.3
GE 700	31.3	73.8	76.5	79.0	81.1	82.2	83.9	84.6	84.9	85.9	86.3	86.3	86.5	86.5	86.6	87.5
GE 600	31.3	73.8	76.5	79.0	81.2	82.6	84.6	85.5	85.8	87.2	87.6	87.6	87.8	87.8	87.9	88.8
GE 500	31.3	73.9	76.6	79.2	81.6	83.0	85.0	85.9	86.3	88.1	88.4	88.4	88.8	88.8	89.0	89.8
GE 400	31.3	74.2	77.0	79.7	82.5	84.2	86.2	87.2	87.9	89.8	90.3	90.3	90.7	90.7	90.9	91.7
GE 300	31.3	74.2	77.0	79.7	82.5	84.3	86.5	87.9	88.7	91.3	92.0	92.0	92.6	92.6	92.8	93.6
GE 200	31.3	74.2	77.0	79.7	82.6	84.4	86.8	88.2	88.9	91.6	92.8	92.8	93.4	93.4	94.1	95.2
GE 100	31.3	74.2	77.0	79.7	82.6	84.4	86.8	88.3	89.1	92.1	93.4	93.5	94.3	94.4	95.7	99.2
GE 0	31.3	74.2	77.0	79.7	82.6	84.4	86.8	88.3	89.1	92.1	93.4	93.5	94.4	94.6	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.1	45.7	46.6	48.0	48.3	46.5	48.6	48.6	48.6	48.9	49.1	49.1	49.1	49.2	49.2	49.3
GE 20000	27.1	51.4	52.6	54.4	54.8	55.1	55.3	55.3	55.3	55.7	55.8	55.6	55.8	55.9	55.9	56.0
GE 18000	27.1	51.7	52.8	54.6	55.1	55.3	55.6	55.6	55.7	56.0	56.1	56.1	56.1	56.3	56.3	56.4
GE 16000	27.1	51.7	52.8	54.6	55.1	55.3	55.6	55.6	55.7	56.0	56.1	56.1	56.1	56.3	56.3	56.4
GE 14000	27.2	51.9	53.1	54.8	55.3	55.6	55.8	55.8	55.9	56.3	56.4	56.4	56.4	56.5	56.5	56.6
GE 12000	27.8	53.5	54.7	56.5	57.0	57.2	57.4	57.4	57.6	57.9	58.0	58.0	58.0	58.2	58.2	58.3
GE 10000	28.7	56.0	57.3	59.2	60.0	60.3	60.5	60.5	60.6	61.0	61.1	61.1	61.1	61.2	61.2	61.3
GE 9000	28.7	56.0	57.3	59.2	60.0	60.3	60.5	60.5	60.6	61.0	61.1	61.1	61.1	61.2	61.2	61.3
GE 8000	29.4	57.4	58.7	60.8	61.6	61.8	62.1	62.1	62.2	62.6	62.8	62.8	62.8	62.9	62.9	63.0
GE 7000	29.8	58.2	59.5	61.5	62.5	62.8	63.0	63.0	63.1	63.6	63.7	63.7	63.7	63.8	63.8	63.9
GE 6000	30.1	58.7	60.0	62.1	63.1	63.4	63.6	63.6	63.7	64.2	64.3	64.3	64.3	64.4	64.4	64.5
GE 5000	30.3	59.3	60.6	62.6	63.7	63.9	64.2	64.2	64.3	64.8	64.9	64.9	64.9	65.0	65.0	65.1
GE 4500	30.6	59.8	61.1	63.1	64.2	64.4	64.7	64.7	64.8	65.2	65.4	65.4	65.4	65.5	65.5	65.6
GE 4000	30.7	60.5	62.1	64.1	65.2	65.6	66.0	66.0	66.1	66.5	66.7	66.7	66.7	66.8	66.8	66.9
GE 3500	31.0	61.3	62.9	64.9	66.2	66.5	66.9	66.9	67.0	67.5	67.6	67.6	67.6	67.7	67.7	67.8
GE 3000	31.6	63.0	64.7	66.8	68.1	68.6	69.0	69.0	69.1	69.6	69.7	69.7	69.7	69.9	69.9	70.0
GE 2500	31.9	64.8	66.5	68.7	70.1	70.7	71.3	71.3	71.4	71.9	72.0	72.0	72.0	72.1	72.1	72.2
GE 2000	32.0	65.7	67.5	69.6	71.0	71.6	72.6	72.7	72.8	73.5	73.6	73.6	73.6	73.8	73.8	73.9
GE 1800	32.0	66.0	67.7	69.9	71.3	71.9	72.8	72.9	73.0	73.8	73.9	73.9	73.9	74.0	74.0	74.1
GE 1500	32.4	67.5	69.4	71.5	73.2	73.8	74.7	74.8	74.9	75.9	76.0	76.0	76.1	76.2	76.2	76.4
GE 1200	32.5	68.4	70.4	72.6	74.3	74.9	76.1	76.4	76.7	77.7	77.8	77.8	77.9	78.0	78.0	78.1
GE 1000	33.0	70.9	73.3	75.4	77.8	78.4	80.0	80.5	81.0	81.9	82.0	82.0	82.2	82.3	82.3	82.4
GE 900	33.1	71.7	74.5	76.7	79.1	79.7	81.4	82.3	83.1	84.3	84.4	84.4	84.5	84.6	84.6	84.9
GE 800	33.1	72.0	74.9	77.3	79.8	80.4	82.2	83.0	83.8	85.1	85.2	85.2	85.3	85.5	85.5	85.9
GE 700	33.1	72.2	75.3	77.8	80.4	81.0	82.9	83.9	84.9	86.2	86.3	86.3	86.4	86.5	86.5	87.0
GE 600	33.1	72.5	75.7	78.1	81.1	82.0	84.0	85.6	86.9	88.3	88.5	88.5	88.7	88.8	88.8	89.2
GE 500	33.1	72.7	75.9	78.5	81.6	82.9	85.0	86.8	88.4	90.2	90.5	90.5	90.7	90.8	90.8	91.3
GE 400	33.1	72.7	76.0	78.8	81.9	83.5	85.8	88.1	90.0	91.8	92.3	92.3	92.4	92.6	92.7	93.1
GE 300	33.1	72.7	76.0	78.8	82.2	83.7	86.1	88.7	91.0	93.6	94.2	94.2	94.4	94.6	94.8	95.3
GE 200	33.1	72.8	76.1	79.0	82.3	83.8	86.3	88.9	91.3	94.1	94.8	94.8	95.9	96.1	97.3	98.0
GE 100	33.1	72.8	76.1	79.0	82.3	83.8	86.3	88.9	91.3	94.1	95.0	95.0	96.2	96.6	98.2	99.5
GE 0	33.1	72.8	76.1	79.0	82.3	83.8	86.3	88.9	91.3	94.1	95.0	95.0	96.2	96.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.4	50.4	51.5	51.9	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	30.1	57.9	59.5	59.9	60.5	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	30.1	57.9	59.5	59.9	60.5	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	30.1	57.9	59.5	59.9	60.5	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	30.4	58.5	60.0	60.5	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	31.0	60.3	61.8	62.3	62.9	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	31.4	62.1	63.6	64.2	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	31.4	62.2	63.7	64.3	64.9	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	32.2	63.5	65.1	65.8	66.4	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	32.3	63.8	65.5	66.2	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	32.7	64.4	66.2	66.9	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 5000	33.1	64.9	66.7	67.4	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	33.2	65.2	67.0	67.7	68.3	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	33.7	66.2	68.0	68.7	69.4	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3500	33.9	66.5	68.3	69.0	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 3000	34.8	68.0	69.7	70.7	71.5	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	35.8	70.6	72.3	73.3	74.2	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	35.9	71.5	73.3	74.2	75.2	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1800	35.9	71.9	73.6	74.6	75.5	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1500	36.4	73.5	75.5	76.6	77.8	78.6	78.6	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 1200	36.4	75.4	77.9	79.0	80.5	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 1000	36.4	77.0	79.6	80.7	83.1	84.2	84.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7
GE 900	36.4	77.3	80.4	81.9	84.6	85.8	86.4	87.4	87.4	87.6	87.6	87.6	87.9	87.9	88.1	88.1
GE 800	36.4	77.7	80.7	82.5	85.6	87.0	87.7	88.9	88.9	89.2	89.2	89.2	89.7	39.7	89.8	89.8
GE 700	36.4	77.7	80.9	82.6	85.7	87.4	88.5	89.8	89.8	90.3	90.3	90.3	90.9	90.9	91.1	91.4
GE 600	36.4	77.7	81.0	82.7	85.9	87.6	88.9	90.8	91.1	91.7	92.0	92.0	92.6	92.6	92.8	93.0
GE 500	36.4	77.8	81.2	83.2	86.5	88.3	90.4	92.4	93.3	94.0	94.4	94.4	95.2	95.2	95.5	95.7
GE 400	36.4	77.8	81.2	83.2	86.6	88.5	91.1	93.4	94.3	95.2	95.6	95.6	96.3	96.3	96.8	97.0
GE 300	36.4	77.8	81.2	83.2	86.6	88.5	91.1	93.5	94.7	95.6	96.5	96.5	97.3	97.3	98.0	98.2
GE 200	36.4	77.8	81.2	83.2	86.6	88.5	91.1	93.5	94.7	95.7	96.9	96.9	98.0	98.0	98.8	99.2
GE 100	36.4	77.8	81.2	83.2	86.6	88.5	91.1	93.5	94.7	95.7	96.9	96.9	98.0	98.1	99.1	99.8
GE 0	36.4	77.8	81.2	83.2	86.6	88.5	91.1	93.5	94.7	95.7	96.9	96.9	98.0	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724565 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.0	50.9	51.7	52.4	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	30.7	58.4	59.1	59.8	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	30.7	59.0	59.7	60.4	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	30.7	59.0	59.7	60.4	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	30.9	59.7	60.5	61.2	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	31.2	60.6	61.5	62.2	62.4	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	32.3	62.9	63.8	64.5	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	32.3	63.4	64.3	65.0	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	33.6	65.2	66.3	67.0	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	33.6	65.8	66.9	67.6	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	34.2	66.8	67.8	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	34.4	67.5	68.6	69.3	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	34.5	67.8	68.9	69.6	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	35.0	69.6	70.7	71.5	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	35.0	70.1	71.2	72.0	72.2	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	35.6	72.6	73.9	74.8	75.2	75.3	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2500	36.2	74.1	75.4	76.4	76.7	76.8	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	36.5	75.4	76.7	77.7	78.1	78.3	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	36.6	76.1	77.8	78.8	79.4	79.6	79.9	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	36.8	77.8	79.7	81.4	82.2	82.3	82.7	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	36.8	79.1	81.1	82.9	83.8	84.2	84.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	36.8	79.4	81.7	83.5	85.2	85.7	86.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	36.8	79.9	82.3	84.4	86.2	86.9	88.1	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 800	36.8	79.9	82.5	85.1	87.4	88.1	89.5	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.7	90.7
GE 700	36.8	79.9	82.6	85.2	87.6	88.3	89.8	91.0	91.0	91.4	91.4	91.4	91.5	91.6	91.7	91.8
GE 600	36.8	79.9	82.6	85.2	87.6	88.3	90.3	91.6	91.6	92.0	92.1	92.1	92.2	92.3	92.4	92.6
GE 500	36.8	80.0	82.9	85.7	88.1	88.8	91.3	92.8	92.8	93.4	93.6	93.6	93.7	93.9	94.2	94.4
GE 400	36.8	80.0	82.9	85.7	88.2	88.9	91.6	93.5	94.0	94.8	95.2	95.2	95.6	95.7	96.1	96.3
GE 300	36.8	80.0	83.0	85.9	88.5	89.2	92.1	94.0	94.4	95.7	96.1	96.1	96.7	96.8	97.4	97.6
GE 200	36.8	80.0	83.0	85.9	88.5	89.2	92.1	94.1	94.6	96.2	97.0	97.2	98.0	98.2	98.9	99.3
GE 100	36.8	80.0	83.0	85.9	88.5	89.2	92.1	94.1	94.6	96.2	97.0	97.2	98.1	98.5	99.2	99.6
GE 0	36.8	80.0	83.0	85.9	88.5	89.2	92.1	94.1	94.6	96.2	97.0	97.2	98.1	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.6	53.4	53.9	54.0	54.4	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	30.3	58.0	59.1	59.5	59.9	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	30.3	58.4	59.5	59.8	60.3	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	30.3	58.4	59.5	59.8	60.3	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	30.4	58.7	59.8	60.3	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	31.1	59.9	61.0	61.5	61.9	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	32.6	62.2	63.4	63.8	64.4	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	32.6	62.9	64.1	64.5	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	33.6	64.2	65.4	65.8	66.4	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	33.7	64.9	66.1	66.5	67.1	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	34.2	65.5	66.7	67.1	67.7	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	34.6	66.8	68.1	68.6	69.1	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	35.0	68.0	69.3	69.7	70.3	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	35.2	68.6	69.9	70.3	70.9	71.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	35.2	69.3	70.6	71.0	71.6	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3000	35.6	71.0	72.3	72.8	73.5	73.9	73.9	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2500	36.2	72.9	74.2	74.7	75.5	75.9	75.9	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2000	36.4	74.9	76.5	77.0	77.9	78.4	78.5	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	36.6	75.5	77.1	77.5	78.8	79.3	79.4	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1500	37.2	77.3	79.2	80.0	81.4	82.0	82.5	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	37.4	78.4	80.5	81.6	83.1	83.8	84.6	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	37.4	79.4	81.7	82.9	84.8	85.7	87.1	87.7	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	37.4	79.6	82.0	83.3	85.5	86.4	87.8	88.5	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	37.4	79.8	82.5	83.9	86.2	87.1	88.5	89.2	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	37.4	79.8	82.5	84.2	86.4	87.5	88.9	89.7	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9
GE 600	37.4	79.8	82.6	84.5	87.0	88.2	90.0	90.8	91.4	91.7	91.8	91.8	92.0	92.0	92.0	92.0
GE 500	37.4	79.8	82.7	84.8	87.4	88.5	90.4	91.7	92.4	93.0	93.3	93.3	93.4	93.4	93.4	93.4
GE 400	37.4	79.8	82.9	84.9	87.5	88.9	90.9	92.3	93.3	94.4	94.9	94.9	95.0	95.0	95.0	95.0
GE 300	37.4	79.8	82.9	84.9	87.7	89.1	91.1	93.0	94.1	95.6	96.5	96.5	96.7	96.7	96.7	96.7
GE 200	37.4	79.8	82.9	84.9	87.7	89.1	91.1	93.6	94.9	97.0	97.9	97.9	98.2	98.3	98.3	98.3
GE 100	37.4	79.8	82.9	84.9	87.7	89.1	91.1	93.6	94.9	97.4	98.2	98.3	98.8	99.2	99.2	99.3
GE 0	37.4	79.8	82.9	84.9	87.7	89.1	91.1	93.6	94.9	97.4	98.2	98.3	98.8	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.5	54.0	55.0	55.3	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
GE 20000	30.1	57.4	58.5	59.2	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
GE 18000	30.1	57.7	58.7	59.5	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
GE 16000	30.1	57.7	58.7	59.5	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
GE 14000	30.1	57.7	58.7	59.5	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
GE 12000	30.5	58.4	59.5	60.2	61.8	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 10000	31.9	60.4	61.5	62.2	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 9000	31.9	61.1	62.2	62.9	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 8000	32.7	63.0	64.1	64.8	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 7000	33.1	64.2	65.2	66.0	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
GE 6000	33.1	64.2	65.2	66.0	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
GE 5000	33.7	65.4	66.5	67.4	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
GE 4500	34.2	66.7	67.8	68.7	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8
GE 4000	34.2	67.3	68.6	69.4	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
GE 3500	34.3	68.2	69.5	70.3	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
GE 3000	34.6	69.7	71.2	72.1	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 2500	34.8	71.6	73.0	74.0	76.4	76.4	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 2000	34.8	72.7	74.1	75.2	77.7	77.7	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
GE 1800	34.9	73.3	74.9	76.2	79.1	79.2	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 1500	35.7	75.1	77.2	79.1	82.2	82.3	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 1200	35.7	76.7	78.6	80.9	84.0	84.3	84.8	85.0	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1000	35.8	77.4	79.9	82.0	85.6	85.8	86.5	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.4
GE 900	35.8	77.8	80.5	82.9	86.8	87.2	87.9	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 800	35.8	78.1	80.9	83.3	87.5	87.9	88.7	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 700	35.9	78.3	81.2	83.7	87.8	88.4	89.1	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.3
GE 600	35.9	78.4	81.7	84.3	88.8	89.4	90.2	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 500	35.9	78.5	82.2	84.8	89.5	90.1	91.4	92.4	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.3
GE 400	35.9	78.5	82.4	85.0	89.7	90.3	91.6	92.8	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 300	35.9	78.5	82.4	85.1	90.0	90.7	92.2	94.0	94.3	95.6	95.6	95.6	95.6	95.6	95.9	96.1
GE 200	35.9	78.5	82.4	85.2	90.1	90.8	92.3	94.6	94.9	96.3	96.6	96.6	96.6	96.6	96.8	97.6
GE 100	35.9	78.5	82.4	85.2	90.1	90.8	92.3	94.6	94.9	96.5	96.7	96.7	96.8	96.8	97.2	96.7
GE 0	35.9	78.5	82.4	85.2	90.1	90.8	92.3	94.6	94.9	96.6	96.7	96.7	97.0	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	51.1	52.0	52.6	53.1	53.3	53.6	53.7	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.4
GE 20000	29.5	56.2	57.3	58.1	58.7	59.0	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.7	60.1
GE 18000	29.6	56.5	57.5	58.4	59.0	59.2	59.5	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.4
GE 16000	29.6	56.5	57.5	58.4	59.0	59.3	59.6	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.4
GE 14000	29.7	56.8	57.9	58.8	59.4	59.7	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.8
GE 12000	30.0	57.8	58.9	59.8	60.4	60.7	61.0	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.4	61.8
GE 10000	30.9	59.9	61.1	62.0	62.7	63.0	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	64.1
GE 9000	30.9	60.3	61.5	62.4	63.1	63.3	63.6	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.1	64.5
GE 8000	31.6	61.8	62.9	63.9	64.6	64.8	65.1	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.6	66.0
GE 7000	31.8	62.4	63.5	64.5	65.2	65.5	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.2	66.6
GE 6000	32.1	62.9	64.1	65.0	65.8	66.0	66.3	66.4	66.4	66.6	66.6	66.6	66.7	66.7	66.7	67.1
GE 5000	32.6	63.9	65.2	66.1	66.9	67.1	67.4	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.9	68.3
GE 4500	32.9	64.6	65.8	66.8	67.5	67.8	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.9
GE 4000	33.1	65.4	66.7	67.7	68.5	68.8	69.1	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.6	70.0
GE 3500	33.3	66.1	67.4	68.5	69.3	69.6	69.9	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.8
GE 3000	33.8	67.7	69.1	70.2	71.1	71.5	71.8	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.8
GE 2500	34.2	69.4	70.9	72.0	73.1	73.5	73.9	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.5	74.9
GE 2000	34.4	70.7	72.3	73.4	74.5	74.9	75.4	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.2	76.6
GE 1800	34.5	71.2	72.8	74.0	75.3	75.7	76.2	76.5	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.4
GE 1500	35.0	72.9	74.9	76.3	77.8	78.3	78.8	79.2	79.2	79.5	79.6	79.6	79.6	79.6	79.7	80.1
GE 1200	35.3	74.4	76.6	78.1	79.8	80.4	81.1	81.5	81.6	82.0	82.0	82.0	82.1	82.1	82.2	82.6
GE 1000	35.4	75.8	78.2	79.8	82.1	82.7	83.7	84.2	84.3	84.7	84.8	84.8	84.9	84.9	85.0	85.4
GE 900	35.4	76.2	78.9	80.7	83.2	83.9	85.1	85.7	85.9	86.4	86.4	86.4	86.6	86.6	86.7	87.1
GE 800	35.4	76.7	79.5	81.6	84.3	85.0	86.2	86.9	87.1	87.6	87.7	87.7	87.8	87.9	88.0	88.4
GE 700	35.4	76.9	79.8	82.0	84.9	85.7	87.0	87.9	88.2	88.8	88.8	88.8	89.0	89.1	89.2	89.7
GE 600	35.4	77.0	80.0	82.3	85.3	86.3	87.8	88.9	89.2	90.0	90.1	90.1	90.3	90.3	90.4	90.9
GE 500	35.4	77.1	80.3	82.7	85.9	87.0	88.8	90.1	90.6	91.6	91.8	91.8	92.0	92.1	92.2	92.7
GE 400	35.4	77.2	80.4	82.9	86.1	87.4	89.4	91.0	91.6	92.9	93.2	93.2	93.5	93.5	93.7	94.2
GE 300	35.4	77.2	80.4	83.0	86.3	87.6	89.8	91.8	92.6	94.3	94.7	94.8	95.1	95.2	95.5	96.0
GE 200	35.4	77.2	80.4	83.0	86.4	87.7	89.9	92.0	92.9	94.9	95.6	95.6	96.2	96.3	96.9	97.8
GE 100	35.4	77.2	80.4	83.0	86.4	87.7	89.9	92.0	93.0	95.0	95.8	96.0	96.7	96.9	97.8	99.4
GE 0	35.4	77.2	80.4	83.0	86.4	87.7	89.9	92.0	93.0	95.0	95.8	96.0	96.7	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.1	55.9	56.8	57.2	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7
GE 20000	33.1	60.0	60.9	61.3	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
GE 18000	33.2	60.2	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 16000	33.2	60.2	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 14000	33.2	60.3	61.2	61.6	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.2
GE 12000	33.5	61.3	62.2	62.6	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 10000	33.7	62.3	63.1	63.5	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 9000	33.7	62.3	63.1	63.5	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 8000	34.8	64.8	65.7	66.2	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 7000	35.1	66.1	67.0	67.5	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 6000	35.2	66.6	67.4	68.0	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
GE 5000	35.8	68.3	69.1	69.7	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 4500	36.3	70.1	71.0	71.5	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 4000	36.7	71.5	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.7
GE 3500	37.0	73.2	74.3	74.8	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 3000	37.1	74.9	76.2	76.9	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE 2500	37.2	76.2	77.5	78.2	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 2000	38.0	77.5	78.9	79.6	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 1800	38.4	78.5	80.0	80.6	81.2	81.2	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 1500	38.9	80.0	81.6	82.4	83.1	83.1	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 1200	38.9	81.5	83.7	84.5	85.3	85.3	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 1000	39.1	84.0	86.1	87.4	88.3	88.3	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 900	39.1	84.4	87.0	88.6	89.5	89.7	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 800	39.1	85.5	88.3	90.4	91.4	91.6	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.2
GE 700	39.1	85.6	88.4	90.8	92.0	92.3	93.3	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.1
GE 600	39.1	85.7	88.6	91.3	92.7	92.9	94.3	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.1
GE 500	39.1	86.0	89.4	92.6	94.3	94.5	96.2	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.2
GE 400	39.1	86.0	89.5	92.8	95.4	95.6	97.4	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.8
GE 300	39.1	86.0	89.6	92.9	95.7	96.0	98.1	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.6
GE 200	39.1	86.0	89.6	92.9	95.9	96.2	98.3	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	100.0
GE 100	39.1	86.0	89.6	92.9	95.9	96.2	98.3	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	100.0
GE 0	39.1	86.0	89.6	92.9	95.9	96.2	98.3	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.2	55.1	56.0	56.6	57.1	57.1	57.2	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	30.2	58.3	59.2	60.1	60.6	60.6	60.8	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	30.2	58.5	59.5	60.3	60.9	60.9	61.0	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	30.2	58.5	59.5	60.3	60.9	60.9	61.0	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	30.2	58.6	59.6	60.4	61.0	61.0	61.1	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	30.3	58.8	59.8	60.6	61.2	61.2	61.3	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	31.5	61.3	62.3	63.1	63.7	63.7	63.8	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	31.5	61.3	62.3	63.1	63.7	63.7	63.8	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	32.6	62.8	63.8	64.6	65.2	65.2	65.3	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	33.0	63.7	64.8	65.7	66.2	66.2	66.3	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	33.3	64.2	65.4	66.2	66.8	66.8	66.9	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	33.5	65.5	66.8	67.6	68.2	68.2	68.3	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	34.1	67.4	68.7	69.6	70.3	70.3	70.4	70.4	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	34.4	69.0	70.5	71.4	72.2	72.2	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	34.4	70.0	71.7	72.6	73.4	73.4	73.5	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	34.7	71.5	73.5	74.7	75.9	75.9	76.1	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	35.1	72.3	74.3	75.5	76.7	76.7	76.9	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 2000	35.3	73.0	75.2	76.3	77.6	77.6	77.8	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 1800	36.2	74.5	76.7	77.8	79.2	79.2	79.5	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 1500	36.7	76.1	78.4	79.8	81.2	81.2	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 1200	36.9	78.3	80.6	82.3	83.7	83.7	83.9	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 1000	37.3	80.3	82.8	84.5	86.0	86.1	86.3	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	37.6	81.5	84.4	86.2	87.8	88.1	88.5	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	37.6	82.3	85.6	87.5	89.1	89.4	89.8	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	37.7	82.5	85.9	88.2	90.0	90.2	90.6	90.8	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	37.8	83.0	86.7	89.2	91.1	91.3	91.7	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	37.8	83.4	87.2	90.1	92.7	92.9	93.4	93.7	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.5
GE 400	37.8	83.5	87.3	90.4	93.7	93.9	94.9	95.6	95.8	96.3	96.5	96.5	96.6	96.6	96.6	96.7
GE 300	37.8	83.8	87.5	90.9	94.7	95.1	96.2	96.9	97.1	97.7	97.8	97.8	98.0	98.0	98.0	98.1
GE 200	37.8	83.8	87.5	90.9	94.8	95.2	96.5	97.3	97.5	98.6	98.7	98.7	98.9	98.9	98.9	99.0
GE 100	37.8	83.8	87.5	90.9	94.8	95.2	96.5	97.3	97.6	98.7	98.9	98.9	99.2	99.2	99.2	100.0
GE 0	37.8	83.8	87.5	90.9	94.8	95.2	96.5	97.3	97.6	98.7	98.9	98.9	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.3	49.0	50.0	51.6	52.2	52.3	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.7	52.7
GE 20000	28.4	54.1	55.1	56.9	57.6	57.7	57.7	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4
GE 18000	28.5	54.3	55.3	57.1	57.8	58.0	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.6	58.6
GE 16000	28.5	54.3	55.3	57.1	57.8	58.0	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.6	58.6
GE 14000	28.5	54.4	55.4	57.2	58.0	58.1	58.1	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.7
GE 12000	28.8	55.1	56.0	57.8	58.6	58.7	58.7	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.4	59.4
GE 10000	29.8	57.0	58.1	59.9	60.6	60.9	60.9	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5
GE 9000	29.8	57.2	58.3	60.1	60.9	61.1	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7
GE 8000	31.3	59.1	60.2	62.0	62.8	63.0	63.0	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.7	63.7
GE 7000	32.5	60.6	61.7	63.5	64.3	64.5	64.5	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.2	65.2
GE 6000	32.6	61.2	62.3	64.2	64.9	65.2	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8
GE 5000	32.7	62.5	63.5	65.6	66.3	66.7	66.7	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3
GE 4500	32.9	63.8	64.8	66.9	67.6	68.0	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7
GE 4000	33.2	64.9	66.0	68.3	69.0	69.5	69.6	69.8	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3
GE 3500	33.2	65.7	66.8	69.0	69.8	70.2	70.3	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1
GE 3000	33.3	67.3	68.5	71.1	71.8	72.3	72.4	72.6	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1
GE 2500	33.7	67.8	69.1	71.7	72.5	72.9	73.0	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.8
GE 2000	33.8	69.0	70.4	73.0	73.8	74.2	74.3	74.5	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.1
GE 1800	34.3	69.9	71.3	73.9	74.6	75.1	75.2	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9
GE 1500	34.7	72.2	73.8	76.3	77.2	77.6	78.0	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7
GE 1200	34.9	74.1	75.8	78.5	79.6	80.0	80.3	80.5	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1
GE 1000	35.5	75.7	78.0	81.1	82.4	82.9	83.2	83.5	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2
GE 900	35.5	76.6	79.2	82.4	83.7	84.3	84.8	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8
GE 800	35.5	77.0	80.0	83.2	84.8	85.6	86.1	86.5	86.9	86.9	87.1	87.1	87.1	87.1	87.2	87.2
GE 700	35.6	77.3	80.8	84.3	86.3	87.2	87.7	88.3	88.7	88.7	88.9	88.9	88.9	88.9	89.0	89.0
GE 600	35.6	77.6	81.4	85.1	87.6	88.6	89.8	90.4	90.9	90.9	91.3	91.3	91.3	91.3	91.4	91.4
GE 500	35.6	77.8	82.0	85.9	88.8	90.0	91.2	92.2	92.6	92.7	93.1	93.2	93.2	93.2	93.3	93.3
GE 400	35.6	78.0	82.7	86.7	89.9	91.1	92.8	93.8	94.3	94.4	94.8	94.9	95.1	95.1	95.2	95.2
GE 300	35.6	78.0	82.8	87.1	90.5	91.8	94.1	95.1	95.9	96.0	96.6	96.7	96.8	96.8	96.9	96.9
GE 200	35.6	78.0	82.8	87.1	90.5	91.8	94.3	95.5	96.3	96.7	97.3	97.4	97.5	97.5	98.1	98.2
GE 100	35.6	78.0	82.8	87.1	90.5	91.8	94.3	95.5	96.3	96.9	97.7	97.8	98.3	98.5	99.4	99.9
GE 0	35.6	78.0	82.8	87.1	90.5	91.8	94.3	95.5	96.3	96.9	97.7	97.8	98.4	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.0	49.7	50.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
GE 20000	29.4	55.5	56.6	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 18000	29.4	55.7	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 16000	29.4	55.8	57.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
GE 14000	29.7	56.2	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
GE 12000	30.5	57.7	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 10000	31.7	59.6	60.9	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
GE 9000	31.8	59.8	61.1	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 8000	32.2	61.1	62.4	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
GE 7000	32.7	61.8	63.2	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
GE 6000	33.1	62.5	64.0	64.6	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
GE 5000	33.4	63.5	65.2	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5
GE 4500	33.4	64.2	65.8	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
GE 4000	33.8	65.4	67.0	67.7	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 3500	34.0	66.2	67.8	68.6	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 3000	34.1	67.2	68.9	69.8	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 2500	34.4	68.3	70.0	70.9	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 2000	35.2	70.8	72.9	73.9	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
GE 1800	35.5	71.7	73.9	74.8	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
GE 1500	36.0	75.1	77.4	79.1	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 1200	36.7	77.8	80.6	82.6	83.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 1000	36.7	78.9	82.0	84.0	85.2	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 900	36.7	79.2	82.7	84.7	86.2	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 800	36.7	79.8	83.4	86.0	88.3	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
GE 700	36.8	80.4	84.3	87.1	89.4	90.6	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
GE 600	36.8	80.6	85.3	88.4	91.2	92.7	93.8	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.6
GE 500	36.8	80.9	85.5	88.7	91.8	93.3	94.5	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.6	95.7
GE 400	36.8	80.9	86.0	89.4	92.8	94.3	95.5	96.2	96.3	96.7	96.8	96.8	97.1	97.1	97.2	97.3
GE 300	36.8	80.9	86.0	89.4	93.2	94.7	95.9	96.8	97.1	97.5	97.6	97.6	98.1	98.1	98.3	98.4
GE 200	36.8	80.9	86.0	89.4	93.2	94.7	95.9	96.8	97.2	98.2	98.6	98.6	99.4	99.5	99.7	99.9
GE 100	36.8	80.9	86.0	89.4	93.2	94.7	95.9	96.8	97.2	98.2	98.6	98.6	99.5	99.6	99.8	100.0
GE 0	36.8	80.9	86.0	89.4	93.2	94.7	95.9	96.8	97.2	98.2	98.6	98.6	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.7	49.9	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	32.5	59.1	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	32.8	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	32.8	60.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	33.2	60.4	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	33.7	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	34.3	62.3	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.6
GE 9000	34.6	62.9	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	35.1	64.1	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	35.7	65.3	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.6
GE 6000	36.2	66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	36.5	67.4	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	36.8	68.1	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	37.0	69.5	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	37.7	71.4	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	38.0	73.0	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 2500	38.5	74.4	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2000	39.7	78.9	80.8	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	39.9	79.9	81.9	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	40.2	82.7	85.5	86.1	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	40.8	84.6	87.8	88.6	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	40.9	85.1	88.3	89.2	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	40.9	85.6	88.8	89.9	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	40.9	86.2	89.6	90.9	92.3	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	40.9	87.0	90.4	91.8	93.7	94.8	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	40.9	87.2	91.0	92.4	95.3	96.7	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	40.9	87.3	91.2	92.6	95.8	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	96.1
GE 400	40.9	87.3	91.5	92.9	96.2	97.7	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	40.9	87.3	91.5	92.9	96.2	97.7	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	40.9	87.4	91.6	93.0	96.3	97.8	98.5	98.7	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	40.9	87.4	91.6	93.0	96.3	97.8	98.5	98.7	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	40.9	87.4	91.6	93.0	96.3	97.8	98.5	98.7	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	33.0	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	33.4	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	33.4	58.8	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	33.7	59.4	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	34.5	60.3	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	35.4	63.1	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	35.6	63.8	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	35.8	65.5	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 7000	36.6	66.9	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	37.0	67.5	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000	37.2	68.1	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	37.7	68.7	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4000	38.2	70.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	39.1	72.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	39.6	74.6	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	41.0	79.2	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	41.3	82.5	84.5	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	41.3	83.1	85.2	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	41.4	85.2	87.6	88.9	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	41.6	86.7	89.4	90.9	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	41.6	87.1	89.9	91.6	92.8	92.9	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	41.7	87.5	90.4	92.4	93.7	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	41.7	88.4	91.6	94.0	95.4	95.7	96.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	41.7	88.5	91.8	94.2	95.8	96.1	96.8	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	41.7	88.5	91.9	94.3	96.1	96.6	97.4	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	41.7	88.5	91.9	94.3	96.2	96.9	97.7	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	41.7	88.5	91.9	94.3	96.3	97.0	97.8	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	41.7	88.5	91.9	94.3	96.3	97.0	98.0	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	41.7	88.5	91.9	94.3	96.3	97.0	98.0	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	41.7	88.5	91.9	94.3	96.3	97.0	98.0	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	41.7	88.5	91.9	94.3	96.3	97.0	98.0	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.6	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	32.9	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	33.0	59.9	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	33.0	60.3	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	33.1	60.5	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	34.0	62.4	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	34.4	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	34.4	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	35.1	68.3	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	35.8	69.5	69.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	36.0	69.8	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	36.3	70.6	71.0	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	36.6	71.6	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	37.4	74.4	74.7	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	37.8	75.6	75.9	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	38.4	78.2	78.5	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	39.4	81.8	82.9	83.9	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	39.8	84.1	85.2	86.3	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	40.0	84.7	85.8	87.0	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	40.0	85.9	87.1	88.7	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	40.0	87.0	88.3	90.1	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	40.2	88.0	89.4	91.3	92.7	93.0	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	40.3	88.3	90.0	92.0	93.8	94.1	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	40.3	88.3	90.6	93.0	95.3	95.7	96.3	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	40.3	88.3	90.9	93.3	96.2	96.7	97.5	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	40.3	88.3	90.9	93.3	96.3	97.0	98.2	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	40.3	88.3	90.9	93.3	96.3	97.1	98.3	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	40.3	88.3	90.9	93.3	96.5	97.2	98.4	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	40.3	88.3	90.9	93.3	96.5	97.2	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.3	88.3	90.9	93.3	96.5	97.2	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.3	88.3	90.9	93.3	96.5	97.2	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.3	88.3	90.9	93.3	96.5	97.2	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.9	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	33.4	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	33.4	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	33.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	33.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	34.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	34.8	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	34.8	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	35.4	65.5	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	35.5	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	35.6	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	36.6	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	37.0	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	37.8	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3500	37.8	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000	38.0	76.2	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	38.6	79.8	80.6	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	39.6	82.5	83.4	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	39.8	82.9	84.1	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	40.2	84.5	85.8	87.0	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	40.3	85.5	86.8	88.1	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	40.5	87.5	89.0	90.4	91.3	91.3	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	40.6	88.1	89.9	91.5	92.5	92.5	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	40.6	88.7	90.5	92.7	94.0	94.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	40.6	89.2	91.1	93.4	95.2	95.2	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	40.6	89.8	91.6	94.0	95.8	95.8	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	40.6	89.6	91.6	94.3	96.2	96.2	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	40.6	89.8	91.6	94.3	96.2	96.2	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	40.6	89.8	91.6	94.3	96.5	96.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	40.6	89.8	91.6	94.3	96.5	96.5	98.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.6	89.8	91.6	94.3	96.5	96.5	98.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.6	89.8	91.6	94.3	96.5	96.5	98.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.4	51.2	51.8	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	31.6	58.1	58.8	59.2	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	31.7	58.4	59.1	59.5	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 16000	31.7	58.5	59.3	59.7	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 14000	31.9	58.8	59.5	60.0	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 12000	32.4	59.8	60.5	61.0	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	33.2	61.8	62.5	63.0	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	33.3	62.0	62.7	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	34.0	63.9	64.6	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 7000	34.6	65.0	65.8	66.4	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
GE 6000	34.9	65.6	66.4	66.9	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 5000	35.3	66.9	67.7	68.3	68.6	68.6	68.7	68.7	69.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	35.6	68.0	68.8	69.4	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	36.1	69.7	70.7	71.3	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 3500	36.4	71.1	72.0	72.7	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 3000	36.6	72.9	74.0	74.8	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 2500	37.2	75.0	76.3	77.2	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	37.8	77.3	78.9	80.0	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 1800	38.2	78.2	79.9	80.9	81.6	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 1500	38.5	80.2	82.2	83.5	84.3	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	38.8	81.9	84.1	85.7	86.6	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	39.0	83.3	85.7	87.4	88.6	88.9	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	39.1	83.9	86.6	88.5	89.8	90.1	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	39.1	84.5	87.5	89.7	91.3	91.8	92.4	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	39.1	84.9	87.9	90.4	92.3	92.9	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	39.1	85.1	88.4	91.0	93.3	93.9	95.0	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	39.1	85.3	88.7	91.5	94.0	94.8	95.9	96.5	96.7	96.9	97.0	97.0	97.0	97.0	97.1	97.1
GE 400	39.1	85.3	88.9	91.8	94.6	95.4	96.7	97.4	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.3
GE 300	39.1	85.3	89.0	91.9	95.0	95.8	97.2	98.0	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 200	39.1	85.3	89.0	91.9	95.0	95.8	97.3	98.1	98.5	99.1	99.3	99.3	99.4	99.5	99.6	99.6
GE 100	39.1	85.3	89.0	91.9	95.0	95.8	97.3	98.1	98.5	99.1	99.4	99.4	99.6	99.6	99.8	100.0
GE 0	39.1	85.3	89.0	91.9	95.0	95.8	97.3	98.1	98.5	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.3	61.6	62.3	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	38.2	66.7	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	38.4	66.9	67.4	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 16000	38.4	66.9	67.4	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 14000	38.4	66.9	67.4	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	38.8	67.7	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	39.0	69.6	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 9000	39.1	69.7	70.2	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	39.9	71.8	72.3	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	40.2	72.8	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	40.6	73.7	74.2	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	41.0	75.1	76.0	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	41.3	76.4	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	42.1	78.8	79.7	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	42.6	80.1	81.0	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	42.9	81.8	82.9	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	42.9	82.6	83.7	84.3	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	43.2	84.8	86.1	86.8	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	43.3	85.6	86.9	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	43.4	86.8	88.1	88.9	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	43.9	87.9	89.3	90.3	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	44.3	89.8	91.7	92.8	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 900	44.6	90.6	92.8	94.0	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	44.7	90.9	93.6	94.8	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	44.7	91.2	94.1	95.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	44.8	92.1	95.0	96.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	44.8	92.1	95.0	96.4	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	44.8	92.3	95.2	96.8	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	44.8	92.3	95.2	97.0	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	44.8	92.3	95.2	97.0	98.4	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	44.8	92.3	95.2	97.0	98.4	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	100.0	100.0
GE 0	44.8	92.3	95.2	97.0	98.4	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	56.2	56.4	57.1	57.7	57.8	57.9	58.1	58.1	58.4	58.6	58.6	58.8	58.8	58.9	58.9
GE 20000	34.4	60.9	61.1	61.8	62.3	62.4	62.6	62.8	62.8	63.1	63.2	63.2	63.4	63.4	63.6	63.6
GE 18000	34.9	61.3	61.6	62.2	62.8	62.9	63.0	63.2	63.2	63.6	63.7	63.7	63.9	63.9	64.0	64.0
GE 16000	34.9	61.3	61.6	62.2	62.8	62.9	63.0	63.2	63.2	63.6	63.7	63.7	63.9	63.9	64.0	64.0
GE 14000	34.9	61.3	61.6	62.2	62.8	62.9	63.0	63.2	63.2	63.6	63.7	63.7	63.9	63.9	64.0	64.0
GE 12000	35.2	62.4	62.7	63.3	63.9	64.0	64.1	64.3	64.3	64.7	64.8	64.8	65.0	65.0	65.1	65.1
GE 10000	35.9	65.1	65.3	66.0	66.6	66.7	66.8	67.0	67.0	67.3	67.4	67.4	67.7	67.7	67.8	67.8
GE 9000	35.9	65.2	65.4	66.1	66.7	66.8	66.9	67.1	67.1	67.4	67.6	67.6	67.8	67.8	67.9	67.9
GE 8000	37.4	68.3	68.6	69.2	69.8	69.9	70.0	70.2	70.2	70.6	70.7	70.7	70.9	70.9	71.0	71.0
GE 7000	37.4	68.6	68.8	69.4	70.0	70.1	70.2	70.4	70.4	70.8	70.9	70.9	71.1	71.1	71.2	71.2
GE 6000	37.7	69.3	69.6	70.2	70.8	70.9	71.0	71.2	71.2	71.6	71.7	71.7	71.9	71.9	72.0	72.0
GE 5000	38.6	71.6	71.8	72.6	73.1	73.2	73.3	73.6	73.7	74.0	74.1	74.1	74.3	74.3	74.4	74.4
GE 4500	39.3	73.2	73.4	74.2	74.9	75.0	75.2	75.4	75.6	75.9	76.0	76.0	76.2	76.2	76.3	76.3
GE 4000	39.7	73.9	74.1	74.9	75.6	75.7	75.9	76.1	76.2	76.6	76.7	76.7	76.9	76.9	77.0	77.0
GE 3500	40.2	74.7	74.9	75.7	76.3	76.4	76.7	76.9	77.0	77.3	77.4	77.4	77.7	77.7	77.8	77.8
GE 3000	40.4	77.3	77.6	78.3	79.0	79.1	79.3	79.6	79.7	80.0	80.1	80.1	80.3	80.3	80.4	80.4
GE 2500	40.8	79.7	80.4	81.2	81.9	82.0	82.2	82.4	82.6	82.9	83.0	83.0	83.2	83.2	83.3	83.3
GE 2000	40.9	81.3	82.2	83.0	83.7	83.8	84.0	84.2	84.3	84.7	84.8	84.8	85.0	85.0	85.1	85.1
GE 1800	40.9	81.3	82.2	83.0	83.7	83.8	84.0	84.2	84.3	84.7	84.8	84.8	85.0	85.0	85.1	85.1
GE 1500	41.3	83.4	84.3	85.3	86.1	86.2	86.4	86.7	86.8	87.1	87.2	87.2	87.4	87.4	87.6	87.6
GE 1200	41.4	84.9	86.2	87.3	88.2	88.3	88.6	88.8	88.9	89.2	89.3	89.3	89.6	89.6	89.7	89.7
GE 1000	41.6	86.4	88.1	89.2	90.1	90.2	90.4	90.7	90.8	91.1	91.2	91.2	91.4	91.4	91.6	91.6
GE 900	41.6	86.8	89.0	90.1	91.0	91.1	91.3	91.6	91.7	92.0	92.1	92.1	92.3	92.3	92.4	92.4
GE 800	41.6	87.3	90.1	91.2	92.1	92.2	92.7	92.9	93.0	93.3	93.4	93.4	93.7	93.7	93.8	93.8
GE 700	41.6	87.4	91.2	92.9	93.9	94.0	94.4	94.7	94.8	95.1	95.2	95.2	95.4	95.4	95.6	95.6
GE 600	41.6	87.7	91.9	93.6	94.6	94.7	95.2	95.4	95.6	95.9	96.0	96.0	96.2	96.2	96.3	96.3
GE 500	41.6	87.9	92.2	94.2	95.2	95.3	95.9	96.1	96.3	96.7	96.8	96.8	97.0	97.0	97.1	97.1
GE 400	41.6	88.2	92.7	94.8	95.9	96.0	96.7	97.1	97.4	97.9	98.0	98.0	98.2	98.2	98.3	96.3
GE 300	41.6	88.2	92.7	95.0	96.3	96.4	97.1	97.8	98.2	98.7	98.8	98.8	99.0	99.0	99.1	99.2
GE 200	41.6	88.2	92.7	95.0	96.3	96.4	97.2	97.9	98.3	98.8	99.0	99.0	99.2	99.2	99.3	99.6
GE 100	41.6	88.2	92.7	95.0	96.3	96.4	97.2	97.9	98.3	98.8	99.0	99.0	99.3	99.3	99.8	100.0
GE 0	41.6	88.2	92.7	95.0	96.3	96.4	97.2	97.9	98.3	98.8	99.0	99.0	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	51.6	52.1	52.2	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.6
GE 20000	30.2	56.8	57.4	57.6	58.0	58.0	58.0	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	59.0
GE 18000	30.6	57.2	57.9	58.0	58.4	58.4	58.4	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.4
GE 16000	30.7	57.3	58.0	58.1	58.6	58.6	58.6	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.6
GE 14000	30.8	58.1	58.8	58.9	59.3	59.3	59.3	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.3
GE 12000	31.6	59.1	59.8	59.9	60.3	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	61.3
GE 10000	32.1	60.7	61.3	61.4	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.9
GE 9000	32.1	60.7	61.3	61.4	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	63.0
GE 8000	33.3	64.7	65.3	65.6	66.1	66.1	66.1	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	67.1
GE 7000	33.8	66.2	66.9	67.2	67.9	67.9	68.0	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	69.0
GE 6000	34.6	67.3	68.1	68.4	69.1	69.1	69.2	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	70.2
GE 5000	35.7	69.8	70.6	70.9	71.7	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.8
GE 4500	35.7	70.2	71.0	71.6	72.4	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.6
GE 4000	36.3	71.7	72.8	73.4	74.7	74.8	75.0	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	76.0
GE 3500	36.6	72.1	73.2	74.0	75.2	75.3	75.6	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.6
GE 3000	36.7	73.8	75.0	75.8	77.0	77.1	77.3	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.3
GE 2500	37.3	75.8	77.1	78.0	79.2	79.3	79.7	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.7
GE 2000	37.6	77.0	78.8	79.9	81.1	81.3	81.9	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.9
GE 1800	37.6	77.3	79.1	80.2	81.4	81.8	82.3	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.3
GE 1500	37.7	78.9	80.8	82.0	83.2	83.7	84.6	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.7
GE 1200	37.7	80.2	82.2	83.4	84.7	85.2	86.2	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.3
GE 1000	37.7	81.1	83.4	84.8	86.1	86.7	87.7	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.8
GE 900	37.7	81.6	84.4	86.0	87.3	87.9	88.9	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	90.2
GE 800	37.8	82.3	85.7	87.2	88.9	89.4	90.6	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	92.0
GE 700	37.8	82.8	86.4	88.4	90.1	90.7	91.8	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	93.2
GE 600	37.8	82.9	86.8	88.9	90.7	91.3	92.4	93.2	93.3	93.3	93.3	93.3	93.6	93.6	93.6	94.0
GE 500	37.8	83.1	87.2	89.8	91.9	92.6	93.7	94.4	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.3
GE 400	37.8	83.3	87.6	90.2	92.8	93.4	95.1	95.9	96.1	96.2	96.4	96.4	96.7	96.7	96.7	97.1
GE 300	37.8	83.3	87.6	90.2	93.0	93.7	95.4	96.4	97.0	97.4	97.8	97.8	98.1	98.1	98.2	98.8
GE 200	37.8	83.3	87.6	90.2	93.0	93.7	95.4	96.4	97.1	97.6	98.0	98.0	98.4	98.4	98.6	99.2
GE 100	37.8	83.3	87.6	90.2	93.0	93.7	95.4	96.4	97.1	97.6	98.2	98.2	98.7	98.7	98.9	99.8
GE 0	37.8	83.3	87.6	90.2	93.0	93.7	95.4	96.4	97.1	97.6	98.2	98.2	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.2	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.3
GE 20000	32.2	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3
GE 18000	32.3	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4
GE 16000	32.3	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4
GE 14000	32.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0
GE 12000	32.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.6
GE 10000	33.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9
GE 9000	33.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0
GE 8000	35.0	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1
GE 7000	36.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1
GE 6000	37.1	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2
GE 5000	38.3	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.7
GE 4500	38.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1
GE 4000	39.0	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1
GE 3500	39.2	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4
GE 3000	39.9	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1
GE 2500	40.7	75.7	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.7
GE 2000	40.8	77.7	78.2	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2
GE 1800	41.0	78.4	79.0	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0
GE 1500	41.4	81.8	82.7	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2
GE 1200	41.6	84.0	85.6	86.4	87.1	87.2	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.7
GE 1000	41.7	84.8	86.7	87.6	88.3	88.7	88.8	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.2
GE 900	41.8	85.9	88.2	89.2	90.1	90.7	90.8	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.2
GE 800	41.8	86.9	89.8	90.8	91.9	92.6	92.7	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.1
GE 700	41.8	87.6	90.6	91.7	93.2	93.9	94.1	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.6
GE 600	41.8	88.1	91.4	92.8	94.4	95.1	95.4	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0
GE 500	41.8	88.3	91.9	93.3	95.1	95.8	96.2	96.3	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.9
GE 400	41.8	88.3	92.0	93.6	95.6	96.6	97.6	97.9	98.0	98.1	98.4	98.4	98.6	98.6	98.6	96.7
GE 300	41.8	88.3	92.2	93.8	95.9	97.0	98.1	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.6
GE 200	41.8	88.3	92.2	93.8	96.0	97.1	98.2	98.6	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.9
GE 100	41.8	88.3	92.2	93.8	96.0	97.1	98.2	98.6	99.0	99.2	99.7	99.7	99.9	99.9	99.9	100.0
GE 0	41.8	88.3	92.2	93.8	96.0	97.1	98.2	98.6	99.0	99.2	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	33.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	33.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	33.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	33.3	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	33.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	34.7	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	34.8	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	36.6	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	37.4	68.1	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	37.9	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	38.8	70.6	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	39.0	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	39.8	73.8	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	40.1	75.0	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	40.7	76.9	77.3	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	42.0	80.7	81.4	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	42.3	83.7	84.4	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	42.4	84.4	85.2	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1500	43.0	87.3	88.2	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	43.2	90.0	91.4	92.3	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	43.2	91.2	92.8	93.9	94.3	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	43.2	91.9	93.4	94.8	95.3	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	43.2	92.3	93.9	95.6	96.1	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	43.2	92.4	94.0	95.8	96.4	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	43.2	92.7	94.3	96.1	97.0	97.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	96.4
GE 500	43.2	92.8	94.4	96.2	97.2	97.4	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	43.2	92.8	94.4	96.2	97.2	97.6	98.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	43.2	92.8	94.4	96.2	97.2	97.6	98.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	43.2	92.8	94.4	96.2	97.2	97.6	98.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	43.2	92.8	94.4	96.2	97.2	97.6	98.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	43.2	92.8	94.4	96.2	97.2	97.6	98.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.1	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	35.6	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	35.8	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	35.8	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	36.1	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	36.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	37.7	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	37.8	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	39.1	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	39.8	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	40.2	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	41.6	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	41.8	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	43.0	78.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	43.7	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	44.2	81.8	82.0	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	45.3	84.8	85.1	85.9	86.2	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	45.8	87.1	87.7	88.4	88.8	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	46.1	88.6	89.1	89.9	90.2	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	46.2	91.4	92.3	93.2	93.6	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	46.3	92.1	93.1	94.1	94.4	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	46.4	92.7	93.8	94.9	95.2	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	46.4	93.0	94.8	96.2	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	46.4	93.6	95.6	97.3	97.8	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	46.4	93.6	95.6	97.4	97.9	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	46.4	93.6	95.6	97.4	97.9	98.3	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	46.4	93.6	95.7	97.6	98.0	98.6	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	46.4	93.6	95.7	97.6	98.0	98.6	98.7	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	46.4	93.6	95.7	97.6	98.0	98.6	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	46.4	93.6	95.7	97.6	98.0	98.6	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	46.4	93.6	95.7	97.6	98.0	98.6	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	46.4	93.6	95.7	97.6	98.0	98.6	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.3	57.9	58.0	58.0	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	37.8	67.8	68.0	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	37.8	67.8	68.0	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	37.9	67.9	68.1	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	38.3	68.4	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	39.2	70.3	70.6	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	40.0	72.0	72.2	72.2	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	40.0	72.0	72.2	72.2	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	40.2	73.1	73.3	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	40.9	75.0	75.2	75.2	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000	41.4	76.0	76.2	76.2	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	42.3	77.8	78.3	78.3	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	43.1	79.4	80.0	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	43.4	81.3	82.2	82.3	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	43.9	82.4	83.6	83.7	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	44.1	83.4	84.7	84.8	84.9	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	45.0	85.7	86.9	87.0	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	45.1	88.1	89.4	89.6	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	45.1	89.4	90.8	90.9	91.0	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	45.1	90.6	91.9	92.1	92.3	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	45.1	91.3	92.7	93.0	93.2	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	45.1	92.0	93.6	93.9	94.2	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	45.1	92.4	94.7	95.0	95.3	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	45.1	92.7	95.0	95.6	96.0	96.4	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	45.1	92.7	95.1	95.9	96.8	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	45.1	92.7	95.3	96.1	97.1	97.6	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	45.1	92.7	95.4	96.4	97.6	98.0	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	45.1	92.7	95.4	96.4	97.6	98.1	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 300	45.1	92.7	95.4	96.4	97.6	98.1	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	45.1	92.7	95.4	96.4	97.6	98.1	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	45.1	92.7	95.4	96.4	97.6	98.1	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	45.1	92.7	95.4	96.4	97.6	98.1	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.8	63.2	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	38.8	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 18000	38.9	68.7	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	38.9	68.7	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	38.9	68.7	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	39.4	69.9	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	40.3	71.6	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	40.3	71.8	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	40.8	73.6	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	41.2	74.7	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	41.8	75.9	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	42.8	77.1	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	42.8	78.1	79.2	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	43.1	79.9	81.1	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	43.6	81.4	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	43.9	82.4	84.0	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	44.2	83.7	85.4	85.8	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000	44.6	85.8	87.7	88.0	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	44.6	86.2	88.1	88.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	44.6	86.8	89.0	89.6	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	44.7	88.1	90.6	91.1	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	45.0	89.8	92.2	92.8	93.6	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	45.0	90.6	93.3	94.1	95.0	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	45.0	91.1	93.9	94.8	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	45.0	91.8	94.9	95.8	97.0	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	45.1	92.3	95.7	96.7	98.3	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	45.1	92.4	95.8	96.8	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	45.1	92.4	95.8	96.8	98.6	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	45.1	92.4	95.8	96.9	98.7	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	45.1	92.4	95.8	96.9	98.7	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	45.1	92.4	95.8	96.9	98.7	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	45.1	92.4	95.8	96.9	98.7	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.1	55.9	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8
GE 20000	35.0	62.5	62.8	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5
GE 18000	35.2	62.7	63.0	63.2	63.4	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
GE 16000	35.3	62.7	63.1	63.2	63.4	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 14000	35.4	63.0	63.4	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.1
GE 12000	36.0	64.2	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2
GE 10000	36.7	66.3	66.6	66.8	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 9000	36.7	66.4	66.8	66.9	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 8000	37.8	69.1	69.4	69.6	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2
GE 7000	38.4	70.3	70.7	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5
GE 6000	38.9	71.3	71.7	71.9	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5
GE 5000	39.9	73.3	73.8	74.1	74.3	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
GE 4500	40.2	74.4	74.9	75.2	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
GE 4000	40.8	76.3	76.9	77.3	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1
GE 3500	41.2	77.3	77.9	78.3	78.7	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1
GE 3000	41.6	79.0	79.8	80.2	80.6	80.6	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1
GE 2500	42.3	81.1	82.0	82.5	83.0	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 2000	42.5	83.2	84.3	84.9	85.4	85.5	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0
GE 1800	42.6	83.9	85.1	85.6	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8
GE 1500	42.8	85.9	87.2	87.9	88.5	88.6	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2
GE 1200	43.0	87.3	88.9	89.8	90.4	90.5	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 1000	43.1	88.5	90.3	91.2	91.9	92.1	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.9
GE 900	43.2	89.1	91.3	92.4	93.2	93.5	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3
GE 800	43.2	89.6	92.2	93.4	94.3	94.6	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5
GE 700	43.2	89.9	92.7	94.2	95.2	95.5	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5
GE 600	43.2	90.3	93.3	94.7	95.9	96.3	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4
GE 500	43.2	90.4	93.5	95.1	96.4	96.8	97.3	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	43.2	90.5	93.6	95.3	96.7	97.2	97.9	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 300	43.2	90.5	93.6	95.4	96.9	97.4	98.2	98.6	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6
GE 200	43.2	90.5	93.6	95.4	96.9	97.4	98.2	98.8	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.8
GE 100	43.2	90.5	93.6	95.4	96.9	97.4	98.2	98.8	99.1	99.3	99.5	99.5	99.7	99.7	99.8	100.0
GE 0	43.2	90.5	93.6	95.4	96.9	97.4	98.2	98.8	99.1	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.6	58.2	58.7	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4
GE 20000	29.1	63.7	64.4	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1
GE 18000	29.2	63.9	64.6	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
GE 16000	29.2	64.0	64.7	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 14000	29.4	64.3	65.1	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 12000	29.6	64.9	65.8	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
GE 10000	31.3	68.3	69.2	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 9000	31.3	68.4	69.4	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
GE 8000	32.6	71.9	72.9	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 7000	32.8	73.0	74.0	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 6000	33.3	74.2	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 5000	34.2	76.7	78.3	78.6	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 4500	34.4	77.2	78.8	79.1	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 4000	35.2	80.0	81.9	82.5	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 3500	35.7	81.8	83.9	84.5	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
GE 3000	35.8	84.0	86.3	87.0	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 2500	35.9	85.5	88.1	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
GE 2000	36.2	86.6	89.2	90.0	90.3	90.4	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 1800	36.2	86.8	89.5	90.2	90.5	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 1500	36.2	88.0	90.8	91.5	91.8	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 1200	36.5	89.0	92.2	93.0	93.3	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 1000	36.5	90.2	93.3	94.3	94.8	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 900	36.5	90.3	93.8	94.8	95.4	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 800	36.5	91.1	94.8	95.9	96.5	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 700	36.5	91.2	95.2	96.2	96.9	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	96.1
GE 600	36.5	91.3	95.4	96.6	97.3	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	96.5
GE 500	36.5	91.5	95.6	96.8	97.5	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 400	36.5	91.5	95.7	96.9	97.6	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	96.8
GE 300	36.5	91.5	95.7	97.2	98.3	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
GE 200	36.5	91.5	95.7	97.2	98.3	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 100	36.5	91.5	95.7	97.2	98.3	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 0	36.5	91.5	95.7	97.2	98.3	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.8	50.0	51.1	52.3	52.9	53.0	53.5	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9
GE 20000	24.3	57.5	58.9	60.1	60.8	60.9	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7
GE 18000	24.3	57.8	59.2	60.4	61.1	61.2	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.0
GE 16000	24.3	58.0	59.4	60.5	61.2	61.3	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
GE 14000	24.3	58.0	59.4	60.5	61.2	61.3	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
GE 12000	24.6	58.9	60.4	61.6	62.3	62.4	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2
GE 10000	25.5	61.8	63.5	64.7	65.4	65.5	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
GE 9000	25.7	62.3	64.0	65.2	65.8	65.9	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8
GE 8000	27.0	67.0	68.7	69.9	70.5	70.6	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5
GE 7000	27.5	68.3	70.1	71.3	72.0	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
GE 6000	27.8	68.9	70.9	72.0	72.8	72.9	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.8
GE 5000	30.1	73.3	75.8	77.3	78.1	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0
GE 4500	30.2	74.1	76.6	76.1	78.8	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8
GE 4000	31.3	76.1	78.7	80.4	81.2	81.3	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.2
GE 3500	31.3	76.7	79.6	81.3	82.0	82.2	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0
GE 3000	31.7	78.3	81.3	83.0	83.9	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9
GE 2500	32.3	80.1	83.2	85.1	85.9	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0
GE 2000	32.4	81.3	84.4	86.3	87.2	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3
GE 1800	32.4	81.5	84.6	86.6	87.4	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
GE 1500	32.6	82.6	86.0	88.1	88.9	89.2	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4
GE 1200	32.8	83.8	87.2	89.2	90.1	90.4	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6
GE 1000	32.9	85.3	89.1	91.5	92.5	92.8	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
GE 900	32.9	85.9	89.9	92.4	93.3	93.7	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8
GE 800	32.9	86.6	90.5	93.1	94.1	94.4	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.7
GE 700	32.9	87.0	91.2	93.9	94.9	95.3	96.1	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.7
GE 600	32.9	87.2	91.4	94.2	95.4	95.7	96.6	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.2
GE 500	32.9	87.4	91.6	94.7	95.9	96.2	97.2	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.1
GE 400	32.9	87.4	91.7	94.9	96.2	96.8	97.7	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 300	32.9	87.4	91.8	95.1	96.3	96.9	97.8	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0
GE 200	32.9	87.4	91.8	95.2	96.6	97.1	98.1	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	100.0
GE 100	32.9	87.4	91.8	95.2	96.6	97.1	98.1	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	100.0
GE 0	32.9	87.4	91.8	95.2	96.6	97.1	98.1	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

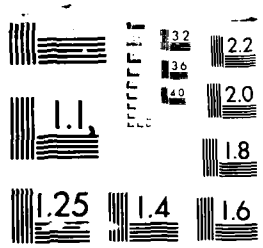
PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.3	44.3	45.8	46.3	47.0	47.0	47.0	47.0	47.1	47.2	47.3	47.3	47.3	47.3	47.4	47.5
GE 20000	21.1	50.5	52.4	53.3	54.1	54.1	54.1	54.1	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.6
GE 18000	21.1	51.1	52.9	53.9	54.6	54.6	54.6	54.6	54.7	54.8	54.9	54.9	54.9	54.9	55.1	55.2
GE 16000	21.2	51.3	53.1	54.1	54.8	54.8	54.8	54.8	54.9	55.1	55.2	55.2	55.2	55.2	55.3	55.4
GE 14000	21.3	51.6	53.4	54.4	55.2	55.2	55.2	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.6	55.7
GE 12000	22.3	53.5	55.5	56.6	57.4	57.4	57.4	57.4	57.5	57.6	57.7	57.7	57.7	57.7	57.8	58.0
GE 10000	23.1	57.3	59.4	60.4	61.4	61.4	61.4	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.8	61.9
GE 9000	23.2	57.5	59.6	60.6	61.6	61.6	61.6	61.6	61.7	61.6	61.9	61.9	61.9	61.9	62.0	62.2
GE 8000	24.3	62.7	64.8	65.9	67.0	67.1	67.1	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.6
GE 7000	24.8	63.9	66.2	67.3	68.5	68.6	68.6	68.6	68.7	68.8	68.9	68.9	68.9	68.9	69.0	69.1
GE 6000	25.3	65.4	67.7	66.9	70.1	70.2	70.2	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.8
GE 5000	26.1	68.5	71.1	72.3	73.4	73.5	73.5	73.5	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.1
GE 4500	26.2	68.9	71.5	72.7	73.9	74.0	74.2	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.7
GE 4000	26.9	71.5	74.2	75.6	76.8	76.9	77.1	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.6
GE 3500	26.9	72.0	74.8	76.2	77.6	77.7	78.0	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.6
GE 3000	27.3	73.9	76.8	78.4	79.8	79.9	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	[illegible]
GE 2500	28.0	75.1	78.0	79.7	81.5	81.6	81.8	81.9	82.0	82.2	82.3	82.3	82.3	82.3	[illegible]	[illegible]
GE 2000	28.4	76.3	79.6	81.4	83.3	83.4	83.7	83.8	84.0	84.1	84.2	84.2	84.2	84.2	[illegible]	[illegible]
GE 1800	28.5	77.1	80.3	82.2	84.1	84.2	84.4	84.5	84.7	84.8	84.9	84.9	84.9	84.9	[illegible]	[illegible]
GE 1500	29.0	78.5	81.8	83.7	85.6	85.7	85.9	86.0	86.2	86.3	86.5	86.5	86.5	86.5	[illegible]	[illegible]
GE 1200	29.4	80.5	84.6	86.6	88.5	88.6	88.8	89.1	89.4	89.5	89.6	89.6	89.6	89.6	[illegible]	[illegible]
GE 1000	29.7	81.7	85.9	87.8	89.8	89.9	90.1	90.4	90.6	90.8	90.9	90.9	90.9	[illegible]	[illegible]	
GE 900	29.7	82.3	86.7	88.7	90.6	90.9	91.1	91.4	91.6	91.7	91.8	91.8	91.9	[illegible]	[illegible]	
GE 800	29.8	82.7	87.1	89.5	91.4	91.6	91.8	92.2	92.4	92.5	92.6	92.6	92.6	[illegible]	[illegible]	
GE 700	29.8	83.0	87.6	90.1	92.6	92.9	93.1	93.7	94.0	94.1	94.2	94.2	94.2	[illegible]	[illegible]	
GE 600	30.0	83.3	88.1	90.6	93.1	93.5	93.9	94.7	95.1	95.2	95.3	95.3	95.4	[illegible]	[illegible]	
GE 500	30.0	83.5	88.4	91.1	93.9	94.4	95.3	96.3	96.7	97.1	97.2	97.2	97.2	[illegible]		
GE 400	30.1	83.7	88.6	91.4	94.3	94.9	96.1	97.4	97.7	98.3	99.4	98.4	[illegible]	[illegible]		
GE 300	30.1	83.7	88.6	91.4	94.3	95.1	96.6	98.2	98.6	99.1	99.2	99.[illegible]	[illegible]			
GE 200	30.1	83.7	88.6	91.4	94.3	95.1	96.6	98.2	98.6	99.1	99.2	99.[illegible]	[illegible]			
GE 100	30.1	83.7	88.6	91.4	94.3	95.1	96.6	98.2	98.6	99.1	99.2	99.[illegible]	[illegible]			
GE 0	30.1	83.7	88.6	91.4	94.3	95.1	96.6	98.2	98.6	99.1	99.2	[illegible]				

TOTAL NUMBER OF OBSERVATIONS: 930

AD-A179 196 MCCONNELL AFB KANSAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 APR 87 3/4

UNCLASSIFIED USAFETAC/DS-87/016 F/G 4/2 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	21.5	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	46.
GE 20000	24.7	54.5	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.
GE 18000	25.1	55.4	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.
GE 16000	25.2	55.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.
GE 14000	25.8	56.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.
GE 12000	26.3	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	56.
GE 10000	27.2	61.1	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.
GE 9000	27.2	61.1	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.
GE 8000	28.6	63.9	64.8	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.
GE 7000	29.4	64.9	66.0	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.
GE 6000	29.7	66.0	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.
GE 5000	30.2	67.3	68.6	68.9	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.
GE 4500	30.2	67.8	69.4	69.5	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.
GE 4000	30.5	70.6	72.3	72.4	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.
GE 3500	30.6	71.2	72.9	73.0	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.
GE 3000	31.5	73.9	75.7	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
GE 2500	32.4	75.3	77.3	77.4	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.
GE 2000	33.7	78.8	81.2	81.4	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.
GE 1800	33.7	79.6	81.9	82.2	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.
GE 1500	34.5	83.1	85.7	86.0	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.
GE 1200	35.3	86.0	88.8	89.4	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.
GE 1000	35.6	88.5	91.5	92.0	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.
GE 900	35.9	88.9	92.2	92.8	93.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.
GE 800	36.1	89.7	93.1	93.8	94.8	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
GE 700	36.2	90.2	93.9	94.5	95.7	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.
GE 600	36.2	90.5	94.3	94.9	96.2	96.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.
GE 500	36.2	90.6	94.8	95.5	96.8	97.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	96
GE 400	36.2	90.9	95.2	96.0	97.4	97.8	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99
GE 300	36.2	90.9	95.2	96.0	97.4	97.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99
GE 200	36.2	90.9	95.2	96.0	97.4	97.8	98.8	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100
GE 100	36.2	90.9	95.2	96.0	97.4	97.8	98.8	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100
GE 0	36.2	90.9	95.2	96.0	97.4	97.8	98.8	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.0	49.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	28.8	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	28.8	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	28.8	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	29.2	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	30.0	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	31.5	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	31.5	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	32.8	66.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	33.0	66.8	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	33.3	67.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	34.7	69.7	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	35.1	71.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	36.1	74.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3500	36.6	76.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	38.5	81.4	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	39.2	84.4	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	40.2	87.6	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	40.2	87.8	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	41.0	91.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	41.3	93.2	95.5	95.6	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	41.5	93.9	96.1	96.2	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	41.5	94.0	96.3	96.6	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	41.5	94.4	96.8	97.0	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	41.5	94.9	97.5	97.7	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	41.5	95.1	97.7	98.0	98.7	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	41.5	95.2	97.8	98.1	98.8	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	41.5	95.2	97.8	98.1	98.8	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	41.5	95.2	97.8	98.1	98.9	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	41.5	95.2	97.8	98.1	98.9	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	41.5	95.2	97.8	98.1	98.9	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	41.5	95.2	97.8	98.1	98.9	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.0	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	32.9	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	33.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	33.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	33.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	34.2	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	35.6	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	36.0	69.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	37.4	72.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000	37.5	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	37.6	74.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	37.8	75.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	37.8	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	39.2	81.1	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	40.2	83.1	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	41.1	85.7	87.6	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	42.4	89.1	91.4	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	42.4	90.5	92.8	93.1	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	42.4	90.8	93.0	93.3	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	42.5	92.9	95.4	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	42.6	94.4	97.0	97.4	97.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	96.4
GE 1000	42.6	94.8	97.5	98.0	98.3	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	42.6	94.8	97.5	98.0	98.3	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	42.6	94.9	97.6	98.1	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	42.6	94.9	97.6	98.1	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 400	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 300	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 200	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 0	42.6	94.9	97.6	98.1	98.5	98.7	98.9	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.2	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	34.1	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	34.4	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	34.6	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	34.8	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	35.4	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	36.9	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	36.9	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	37.6	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	38.0	80.5	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	38.3	81.5	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	39.5	83.4	84.3	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	39.6	84.3	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	40.5	87.5	88.6	88.7	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	40.9	88.7	89.9	90.1	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	41.6	90.6	92.0	92.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	41.8	91.6	93.1	93.3	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	41.9	92.3	93.9	94.4	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	41.9	92.5	94.2	94.7	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	41.9	93.5	95.4	95.9	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	41.9	94.2	96.3	96.9	98.0	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	41.9	94.5	96.7	97.2	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	41.9	94.5	96.7	97.2	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	41.9	94.5	96.7	97.2	98.4	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	41.9	94.6	96.8	97.3	98.6	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	41.9	94.6	96.8	97.3	98.6	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	41.9	94.6	96.8	97.3	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	41.9	94.6	96.8	97.3	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	41.9	94.6	96.8	97.3	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	41.9	94.6	96.8	97.3	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	41.9	94.6	96.8	97.3	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	41.9	94.6	96.8	97.3	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	34.6	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	34.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	34.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	35.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 12000	35.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	35.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	35.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	36.3	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	37.0	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	37.4	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	38.3	81.1	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4500	38.6	82.6	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	39.5	85.7	86.7	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	39.7	86.6	87.5	87.7	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	40.2	88.6	89.9	90.2	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	40.2	89.5	90.9	91.2	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	40.3	90.5	92.0	92.4	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	40.3	91.1	92.7	93.0	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	40.3	91.3	93.0	93.3	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	40.3	92.7	94.6	94.9	95.7	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	40.3	93.2	95.4	95.9	96.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	40.3	93.5	95.7	96.2	97.0	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	40.3	93.9	96.2	97.1	98.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	40.3	93.9	96.5	97.3	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	40.3	93.9	96.5	97.3	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	40.3	93.9	96.6	97.5	98.4	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	40.3	93.9	96.8	97.7	98.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	40.3	93.9	96.8	97.7	98.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	40.3	93.9	96.8	97.7	98.7	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.3	93.9	96.8	97.7	98.7	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.3	93.9	96.8	97.7	98.7	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.7	52.2	52.9	53.2	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	28.7	61.2	62.0	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 18000	28.9	61.6	62.4	62.7	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 16000	28.9	61.7	62.5	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 14000	29.2	62.3	63.1	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	29.7	63.6	64.4	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 10000	30.9	66.7	67.7	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
GE 9000	31.0	66.9	67.9	68.2	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
GE 8000	32.1	70.2	71.2	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
GE 7000	32.5	71.1	72.3	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 6000	32.8	72.1	73.2	73.6	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 5000	33.9	74.5	76.0	76.4	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 4500	34.0	75.3	76.8	77.2	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
GE 4000	34.9	78.4	80.2	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5
GE 3500	35.2	79.6	81.4	82.0	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	36.0	82.0	84.1	84.7	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	36.5	83.8	86.0	86.7	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 2000	36.9	85.5	87.8	88.6	89.3	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	36.9	85.9	88.2	89.0	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
GE 1500	37.3	87.6	90.1	90.9	91.7	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	37.5	89.2	92.0	92.9	93.7	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 1000	37.6	90.3	93.2	94.1	95.0	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 900	37.7	90.5	93.6	94.6	95.5	95.6	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	37.7	91.0	94.1	95.2	96.1	96.3	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	37.7	91.2	94.5	95.6	96.7	96.9	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	37.7	91.4	94.7	95.9	97.0	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	37.7	91.5	94.9	96.1	97.3	97.6	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 400	37.8	91.5	95.0	96.3	97.5	97.8	98.5	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	37.8	91.5	95.0	96.4	97.6	98.0	98.7	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7
GE 200	37.8	91.5	95.0	96.4	97.7	98.0	98.7	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
GE 100	37.8	91.5	95.0	96.4	97.7	98.0	98.7	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 0	37.8	91.5	95.0	96.4	97.7	98.0	98.7	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.8	63.3	63.4	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 20000	36.9	74.0	74.1	74.3	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 18000	36.9	74.1	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 16000	36.9	74.1	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 14000	36.9	74.1	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 12000	37.3	74.8	74.9	75.2	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 10000	37.9	78.0	78.1	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 9000	37.9	78.0	78.1	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 8000	39.1	81.2	81.3	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 7000	39.2	82.8	82.9	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
GE 6000	39.4	83.4	83.6	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 5000	39.7	85.7	85.8	86.1	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 4500	40.0	86.2	86.3	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 4000	40.4	89.7	89.8	90.1	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
GE 3500	41.0	90.7	90.9	91.2	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.1
GE 3000	41.1	92.0	92.4	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.9
GE 2500	41.1	92.8	93.2	93.7	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.7
GE 2000	41.3	93.6	94.0	94.4	94.9	94.9	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.7	95.8
GE 1800	41.3	93.8	94.2	94.7	95.1	95.1	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.9	96.0
GE 1500	41.4	94.8	95.4	95.9	96.3	96.3	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.1	97.2
GE 1200	41.4	94.9	95.7	96.2	96.7	96.7	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.6	97.7
GE 1000	41.8	95.2	96.0	96.6	97.0	97.0	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.9	98.0
GE 900	42.0	95.6	96.3	96.9	97.3	97.3	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.2	98.3
GE 800	42.0	95.6	96.3	96.9	97.3	97.3	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.2	98.3
GE 700	42.0	95.8	96.6	97.1	97.6	97.6	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.6
GE 600	42.0	95.8	96.6	97.1	97.6	97.6	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.6	98.7
GE 500	42.0	96.2	97.0	97.6	98.1	98.1	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.2
GE 400	42.0	96.2	97.1	97.9	98.7	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.7	99.8
GE 300	42.0	96.2	97.1	98.0	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0
GE 200	42.0	96.2	97.1	98.0	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0
GE 100	42.0	96.2	97.1	98.0	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0
GE 0	42.0	96.2	97.1	98.0	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.0	59.7	60.6	61.2	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.9
GE 20000	30.9	68.7	69.6	70.2	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.9
GE 18000	30.9	68.8	69.7	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	71.0
GE 16000	30.9	68.8	69.7	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	71.0
GE 14000	31.0	69.2	70.1	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.4
GE 12000	31.7	70.3	71.2	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.6
GE 10000	32.8	74.2	75.1	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4
GE 9000	32.8	74.2	75.1	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4
GE 8000	33.9	78.1	79.0	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.3
GE 7000	34.6	80.7	81.6	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.9
GE 6000	34.7	80.9	81.8	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.1
GE 5000	35.0	82.1	83.0	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.3
GE 4500	35.0	82.6	83.4	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.7	84.8
GE 4000	36.0	85.8	86.8	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.2
GE 3500	36.4	86.8	87.9	88.7	88.9	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.7	89.8
GE 3000	36.8	88.4	89.6	90.7	90.9	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.9	92.0
GE 2500	36.8	89.1	90.4	91.3	91.6	91.9	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.9	93.0
GE 2000	37.0	89.7	91.0	91.9	92.1	92.6	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.6	93.7
GE 1800	37.0	89.9	91.3	92.2	92.4	92.9	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.9	94.0
GE 1500	37.2	90.6	92.2	93.6	93.8	94.2	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.2	95.3
GE 1200	37.4	90.9	92.7	94.0	94.2	94.7	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.7	95.8
GE 1000	37.7	91.1	92.9	94.2	94.4	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.9	96.0
GE 900	37.7	91.1	92.9	94.2	94.4	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.9	96.0
GE 800	37.8	91.4	93.2	94.6	94.8	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.2	96.3
GE 700	37.8	91.9	93.7	95.1	95.3	95.8	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.9	97.0
GE 600	37.8	91.9	93.7	95.1	95.3	95.8	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.9	97.0
GE 500	37.8	92.3	94.4	95.9	96.1	96.6	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.7	97.8
GE 400	37.8	92.3	94.4	96.0	96.3	96.8	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	98.1	98.2
GE 300	37.8	92.3	94.8	96.6	97.0	97.4	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.2
GE 200	37.8	92.3	94.8	96.6	97.2	97.7	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.7
GE 100	37.8	92.3	94.8	96.6	97.2	97.7	98.6	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.9	100.0
GE 0	37.8	92.3	94.8	96.6	97.2	97.7	98.6	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.1	48.9	50.7	51.4	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	28.6	60.1	62.1	63.0	63.7	63.7	63.7	63.7	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0
GE 18000	28.6	60.3	62.3	63.2	63.9	64.0	64.0	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.3	64.3
GE 16000	28.6	60.3	62.3	63.3	64.0	64.1	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4
GE 14000	28.6	60.4	62.4	63.4	64.1	64.2	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.6	64.6
GE 12000	29.1	61.8	63.8	64.8	65.4	65.6	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	65.9
GE 10000	30.0	66.3	68.3	69.3	70.1	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.6	70.6
GE 9000	30.3	67.1	69.1	70.1	70.9	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.3	71.3
GE 8000	31.3	71.1	73.1	74.1	74.9	75.0	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.3
GE 7000	31.7	73.1	75.2	76.3	77.1	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.6	77.6
GE 6000	31.9	74.1	76.2	77.3	78.1	78.2	78.2	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.6	78.6
GE 5000	32.1	75.1	77.2	78.6	79.3	79.4	79.4	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8
GE 4500	32.4	75.9	78.0	79.3	80.1	80.2	80.2	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.6	80.6
GE 4000	32.6	77.4	79.8	81.6	82.3	82.4	82.6	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.9	82.9
GE 3500	32.7	78.2	80.7	82.4	83.3	83.4	83.6	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.9	83.9
GE 3000	33.1	79.6	82.0	84.0	84.9	85.0	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.6	85.6
GE 2500	33.2	80.9	83.4	85.6	86.4	86.6	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 2000	33.4	82.0	84.9	87.0	87.9	88.1	88.4	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.8	88.8
GE 1800	33.4	82.3	85.4	87.6	88.4	88.7	89.0	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.3	89.3
GE 1500	33.8	82.8	85.9	88.0	88.9	89.1	89.6	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 1200	34.1	83.9	87.3	89.4	90.3	90.7	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4
GE 1000	34.3	84.9	88.7	90.8	91.7	92.0	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 900	34.6	85.8	89.7	91.9	92.8	93.1	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.9	93.9
GE 800	34.6	86.4	90.4	92.7	93.6	93.9	94.3	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 700	34.6	86.9	91.1	93.4	94.4	94.8	95.2	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.7	95.7
GE 600	34.6	86.9	91.4	94.2	95.2	95.7	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.6	96.6
GE 500	34.6	87.1	91.8	95.0	96.4	96.9	97.3	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.9	97.9
GE 400	34.6	87.3	92.1	95.3	96.9	97.3	98.0	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7
GE 300	34.6	87.4	92.3	95.6	97.2	97.8	98.6	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4
GE 200	34.6	87.4	92.3	95.6	97.2	97.8	98.6	98.9	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0
GE 100	34.6	87.4	92.3	95.6	97.2	97.8	98.6	98.9	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0
GE 0	34.6	87.4	92.3	95.6	97.2	97.8	98.6	98.9	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.3	54.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	30.4	63.1	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	30.4	63.3	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	30.9	64.1	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	30.9	64.2	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	31.6	65.4	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	33.[illegible]	70.0	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	33.4	70.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	34.9	74.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	35.1	75.4	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	35.1	76.1	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	35.8	77.9	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	35.9	78.3	80.[illegible]	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	36.1	80.6	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	36.3	81.3	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	36.4	82.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	36.6	82.9	85.4	85.9	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	36.8	85.3	88.2	88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	36.8	85.3	88.2	88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	37.3	86.1	89.2	89.8	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	37.6	88.9	92.2	92.9	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	37.7	90.3	94.0	94.9	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	37.8	90.8	94.6	95.6	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	37.8	91.8	95.9	97.0	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	37.8	91.8	96.0	97.2	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	37.8	91.9	96.1	97.7	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	37.8	92.4	96.8	98.4	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	37.8	92.4	96.8	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	37.8	92.4	96.8	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	37.8	92.4	96.8	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	37.8	92.4	96.8	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	37.8	92.4	96.8	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.2	57.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	35.0	67.1	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	35.1	67.3	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	35.1	67.7	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	35.1	68.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	35.6	68.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	36.4	72.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	36.7	73.4	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 8000	37.8	76.3	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	38.0	76.8	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	38.1	77.6	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	38.4	78.9	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	38.4	78.9	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	38.9	81.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	40.1	84.8	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	40.6	88.3	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	41.9	91.0	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	41.9	92.4	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	41.9	92.7	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	41.9	93.2	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	41.9	94.7	97.0	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 1000	41.9	95.2	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 900	41.9	95.4	97.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 800	42.1	95.8	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 700	42.1	95.8	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	42.1	96.0	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-8[illegible]
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
NO CEIL	32.1	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	36.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	36.8	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	36.8	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	37.0	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	37.3	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	38.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	38.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	40.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	41.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	41.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	41.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4500	41.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	42.3	87.0	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	43.7	90.1	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	44.3	93.7	94.4	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	44.6	95.1	95.9	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	44.6	95.8	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	44.6	95.9	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	44.6	96.1	97.0	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	44.6	96.8	97.7	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	44.6	97.0	97.9	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	44.6	97.0	97.9	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	44.7	97.6	98.4	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	44.8	97.7	98.6	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	36.6	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	36.7	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	36.7	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	36.8	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	37.1	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	38.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	38.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	39.6	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	40.3	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	40.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 5000	41.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	42.0	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.6
GE 4000	43.4	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	43.7	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	44.1	94.2	94.9	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	44.2	95.1	96.0	96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	44.2	95.6	96.4	97.3	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	44.2	95.9	96.8	97.7	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	44.4	96.2	97.1	98.0	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	44.4	96.8	97.7	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	44.4	96.8	97.7	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	44.4	96.9	97.8	98.7	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	44.6	97.0	97.9	98.8	99.1	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	44.6	97.0	97.9	98.8	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	44.6	97.0	97.9	98.8	99.2	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	44.6	97.0	97.9	98.8	99.2	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	44.6	97.1	98.0	98.9	99.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	44.6	97.1	98.0	98.9	99.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	44.6	97.1	98.0	98.9	99.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	44.6	97.1	98.0	98.9	99.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	44.6	97.1	98.0	98.9	99.3	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	36.0	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	36.1	75.6	75.8	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	36.1	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	36.3	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	36.9	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	38.0	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 9000	38.0	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 8000	39.2	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	39.7	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	40.1	86.2	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 5000	40.4	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500	41.1	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	41.8	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	42.3	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	42.4	93.8	94.6	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	42.7	94.8	95.8	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	43.1	95.6	96.6	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	43.2	95.8	96.8	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	43.6	96.2	97.2	97.3	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	43.6	96.3	97.3	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	43.6	96.9	97.9	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	43.6	97.0	98.0	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	43.6	97.0	98.0	98.1	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	43.6	97.1	98.1	98.2	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	43.6	97.4	98.4	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	43.6	97.7	98.7	98.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	43.6	97.7	98.7	98.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	43.6	97.7	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.6	97.7	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.6	97.7	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	43.6	97.7	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	58.2	58.8	59.5	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	33.9	69.3	70.1	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
GE 18000	33.9	69.6	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	34.0	69.7	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 14000	34.1	69.9	70.7	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 12000	34.6	71.0	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 10000	35.7	74.9	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	35.8	75.2	76.0	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 8000	37.1	78.6	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 7000	37.4	80.1	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
GE 6000	37.7	80.9	81.7	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 5000	38.1	82.4	83.3	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
GE 4500	38.3	82.9	83.7	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 4000	38.9	85.4	86.5	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 3500	39.5	87.0	88.1	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
GE 3000	39.9	89.0	90.5	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
GE 2500	40.1	90.2	91.7	92.4	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 2000	40.3	91.2	92.8	93.5	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 1800	40.3	91.4	93.0	93.8	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 1500	40.5	92.0	93.7	94.5	95.0	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5
GE 1200	40.6	92.9	94.7	95.6	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
GE 1000	40.7	93.4	95.3	96.2	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3
GE 900	40.8	93.7	95.6	96.6	97.0	97.1	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6
GE 800	40.9	94.1	96.1	97.1	97.5	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2
GE 700	40.9	94.2	96.3	97.3	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 600	40.9	94.3	96.4	97.5	98.1	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 500	40.9	94.6	96.7	97.9	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 400	40.9	94.6	96.8	98.0	98.7	98.8	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE 300	40.9	94.6	96.8	98.2	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	40.9	94.6	96.8	98.2	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 100	40.9	94.6	96.8	98.2	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 0	40.9	94.6	96.8	98.2	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.0	75.4	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 20000	35.6	81.5	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 18000	35.6	81.6	83.1	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 16000	35.6	81.7	83.2	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 14000	35.9	82.3	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 12000	36.9	83.7	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 10000	38.0	86.8	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000	38.4	87.3	88.9	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 8000	39.1	88.7	90.4	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 7000	39.5	89.0	90.8	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	39.6	90.4	92.3	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000	39.8	91.8	93.7	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500	39.8	92.3	94.1	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	40.1	93.7	95.5	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	40.3	94.3	96.1	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	40.3	95.1	97.2	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	40.3	95.4	97.5	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	40.3	95.5	97.6	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	40.3	95.6	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	40.4	95.7	97.8	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	40.5	96.1	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	40.5	96.1	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	40.5	96.1	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	40.5	96.1	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	40.5	96.1	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	40.5	96.2	98.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	40.5	96.2	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	40.5	96.2	98.7	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	40.5	96.2	98.7	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.5	96.2	98.7	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.5	96.2	98.7	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.5	96.2	98.7	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.5	70.0	70.9	71.3	71.9	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 20000	31.4	76.0	77.0	77.5	78.2	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	31.4	76.3	77.3	77.8	78.5	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 16000	31.4	76.6	77.5	78.1	78.7	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 14000	31.5	76.8	77.7	78.3	78.9	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 12000	32.6	78.7	79.7	80.2	80.9	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	33.8	82.8	83.8	84.3	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	34.6	83.7	84.6	85.2	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	35.7	85.6	86.6	87.1	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 7000	35.9	86.0	87.1	87.6	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	36.6	88.0	89.0	89.6	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 5000	37.0	88.7	90.1	90.6	91.4	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	37.0	89.2	90.6	91.2	91.9	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000	37.0	90.5	91.9	92.5	93.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	37.2	91.3	92.7	93.2	94.0	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	37.3	92.7	94.1	94.7	95.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	37.3	92.7	94.1	94.7	95.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	37.3	92.8	94.2	94.8	95.6	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	37.5	93.0	94.4	95.1	95.8	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	37.7	93.5	94.9	95.6	96.3	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	38.0	94.2	95.6	96.2	97.0	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	38.0	94.5	95.9	96.6	97.3	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	38.0	94.6	96.1	96.8	97.5	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	38.0	94.8	96.3	97.0	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	38.0	94.8	96.5	97.1	97.8	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	38.0	94.8	96.6	97.2	98.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	38.0	94.8	96.6	97.4	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	38.0	94.8	96.7	97.6	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	38.0	94.8	96.7	97.7	98.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	38.0	94.8	96.7	97.7	98.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	38.0	94.8	96.7	97.7	98.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0
GE 0	38.0	94.8	96.7	97.7	98.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.6	60.8	62.0	62.8	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	29.4	68.1	69.7	70.5	71.6	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	29.4	68.1	69.7	70.5	71.6	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 16000	29.4	68.3	69.9	70.8	71.8	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	29.5	68.7	70.3	71.2	72.3	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	30.9	71.2	72.9	73.8	74.8	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	32.6	75.9	78.2	79.0	80.2	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	32.9	76.3	78.6	79.5	80.6	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	34.2	80.2	82.5	83.5	84.8	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	35.2	81.6	83.9	84.9	86.3	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000	35.9	82.6	85.1	86.2	87.6	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	36.2	84.2	87.0	88.2	89.6	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	36.3	84.5	87.3	88.6	90.0	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	36.3	85.4	88.2	89.5	90.9	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	36.5	86.1	88.9	90.2	91.6	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	36.5	86.3	89.1	90.4	91.8	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	36.7	86.7	89.5	90.8	92.2	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	36.7	86.8	89.6	91.0	92.4	93.3	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	36.8	86.9	89.8	91.2	92.6	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	37.3	87.7	90.6	92.2	93.5	94.5	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	37.4	88.5	91.4	92.9	94.4	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	37.5	89.4	92.3	93.8	95.3	96.2	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	37.5	89.5	92.4	93.9	95.6	96.6	97.1	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	37.6	89.7	92.7	94.2	96.0	97.0	97.6	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	37.6	89.9	93.0	94.5	96.3	97.3	98.0	98.1	98.2	98.4	98.4	98.4	99.4	98.4	98.4	98.4
GE 600	37.6	89.9	93.1	94.6	96.5	97.4	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	37.6	89.9	93.2	94.7	96.6	97.5	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	37.6	89.9	93.2	94.7	96.6	97.5	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	37.6	90.0	93.3	94.8	96.7	97.6	98.7	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	37.6	90.0	93.3	94.8	96.7	97.6	98.7	99.0	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	37.6	90.0	93.3	94.8	96.7	97.6	98.7	99.0	99.1	99.6	99.6	99.6	99.8	99.8	99.8	100.0
GE 0	37.6	90.0	93.3	94.8	96.7	97.6	98.7	99.0	99.1	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	69.4	70.6	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 20000	35.1	76.3	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	35.3	76.6	78.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 16000	35.3	76.9	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 14000	35.5	77.3	79.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	36.1	78.8	80.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 10000	37.5	82.2	84.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 9000	37.7	82.5	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	38.5	85.1	87.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 7000	38.8	85.6	87.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	38.8	85.7	87.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	39.0	86.3	88.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	39.2	86.7	88.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	39.2	87.4	89.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	39.5	88.3	90.4	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	39.8	88.9	91.3	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	40.1	89.8	92.2	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	40.2	90.3	92.8	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	40.2	90.4	92.9	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	41.1	91.9	94.5	95.8	95.9	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	41.6	92.8	95.6	96.9	97.1	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	41.6	92.9	96.0	97.3	97.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	41.7	93.3	96.8	98.1	98.4	98.5	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	41.7	93.3	96.9	98.2	98.5	98.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	41.7	93.3	96.9	98.2	98.5	98.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	41.7	93.3	96.9	98.2	98.5	98.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	41.8	93.5	97.1	98.4	98.7	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	41.8	93.5	97.1	98.4	98.7	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	41.8	93.5	97.1	98.4	98.7	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	41.8	93.5	97.1	98.4	98.7	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	41.8	93.5	97.1	98.4	98.7	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	41.8	93.5	97.1	98.4	98.7	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.4	71.6	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 20000	37.7	79.8	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 18000	38.1	80.1	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 16000	39.2	80.5	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 14000	38.4	80.8	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000	39.9	83.0	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 10000	41.3	86.7	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	41.3	87.0	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 8000	41.9	89.6	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	42.4	90.0	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 6000	42.7	90.9	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	42.8	91.2	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	42.8	91.3	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	42.9	92.2	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	43.1	93.0	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	43.2	94.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	43.4	95.3	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	44.0	96.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	44.0	96.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	44.3	96.8	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	44.3	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	44.3	97.6	98.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	44.3	97.7	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	44.3	97.7	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	44.3	97.7	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.8	72.8	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 20000	38.2	82.6	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 18000	38.3	82.8	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 16000	38.4	82.9	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 14000	38.4	83.0	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 12000	39.5	84.7	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	39.8	87.2	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	39.9	87.5	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8000	41.1	89.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	41.1	90.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 6000	41.1	90.6	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	41.7	91.9	93.1	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4500	41.7	92.2	93.3	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	41.8	93.0	94.4	94.8	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	43.0	95.1	96.6	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	43.1	96.0	97.5	98.0	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	43.2	96.1	97.6	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	43.5	96.7	98.2	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	43.5	96.8	98.3	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	43.5	96.8	98.3	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	43.5	96.8	98.3	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	43.5	97.4	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.3	74.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 20000	40.0	85.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 18000	40.0	85.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 16000	40.1	85.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 14000	40.1	85.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 12000	40.8	86.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	41.7	88.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 9000	41.7	88.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 8000	42.6	90.9	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 7000	42.9	91.6	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 6000	43.1	92.7	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	43.3	93.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4500	43.3	93.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4000	43.4	95.1	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	43.5	95.6	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	43.8	96.5	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	43.8	96.7	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	43.8	96.9	98.3	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	43.8	96.9	98.3	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	43.8	96.9	98.5	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	43.8	96.9	98.5	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	43.8	97.0	98.6	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	43.8	97.0	98.6	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	43.8	97.2	98.8	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	43.8	97.2	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.1	77.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 20000	37.1	84.2	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 18000	37.1	84.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 16000	37.1	84.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 14000	37.2	84.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 12000	37.7	86.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 10000	38.8	88.3	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 9000	39.0	88.5	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 8000	39.5	90.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 7000	39.9	91.5	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 6000	40.0	92.0	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	40.5	93.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	40.5	94.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	41.1	95.5	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	41.5	96.0	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	41.5	96.5	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	41.5	96.6	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	41.5	96.6	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	41.5	96.7	98.2	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	41.5	96.8	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	41.5	96.8	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	41.5	96.8	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	41.5	96.9	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	41.5	96.9	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	41.5	96.9	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	41.5	96.9	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	41.5	96.9	98.7	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	41.5	96.9	98.7	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	41.5	96.9	98.7	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	41.5	96.9	98.7	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	41.5	96.9	98.7	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	41.5	96.9	98.7	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.2	71.5	72.6	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 20000	35.6	79.2	80.5	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 18000	35.6	79.4	80.6	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 16000	35.7	79.6	80.8	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 14000	35.8	79.9	81.2	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 12000	36.8	81.6	82.9	83.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 10000	37.9	84.8	86.2	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	38.2	85.2	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 8000	39.1	87.6	89.0	89.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 7000	39.4	88.2	89.7	91.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 6000	39.7	89.1	90.6	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	40.1	90.1	91.7	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	40.1	90.5	92.1	92.7	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	40.2	91.6	93.3	93.9	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	40.6	92.5	94.1	94.8	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	40.7	93.3	95.1	95.8	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	40.8	93.6	95.4	96.1	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	40.9	94.0	95.8	96.5	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	41.0	94.1	95.9	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	41.2	94.5	96.4	97.1	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	96.0	98.0	98.0
GE 1200	41.3	94.9	96.8	97.5	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	41.3	95.2	97.1	97.9	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	41.4	95.3	97.3	98.0	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	41.4	95.4	97.4	98.2	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	41.4	95.4	97.5	98.2	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	41.4	95.4	97.5	98.3	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	41.4	95.5	97.6	98.4	99.0	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	41.4	95.5	97.6	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	41.4	95.5	97.6	98.5	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	41.4	95.5	97.6	98.5	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	41.4	95.5	97.6	98.5	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	41.4	95.5	97.6	98.5	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.7	69.1	70.9	72.2	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 20000	31.0	74.3	76.0	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	31.0	74.3	76.0	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	31.0	74.4	76.1	77.4	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	31.7	75.9	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 12000	32.0	77.0	78.7	80.0	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	33.1	81.5	83.2	84.5	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 9000	33.1	81.5	83.2	84.5	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	34.2	84.6	86.3	87.6	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 7000	34.7	86.1	87.8	89.1	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	34.7	86.6	88.3	89.6	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	35.2	88.2	89.9	91.3	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	35.5	88.6	90.3	91.7	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000	35.6	90.2	92.0	93.4	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	35.6	90.5	92.6	94.1	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	35.6	91.2	93.2	94.7	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	35.6	91.2	93.2	94.7	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	35.6	91.2	93.2	94.7	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	35.6	91.2	93.2	94.7	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	35.6	91.4	93.4	94.9	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	35.6	91.6	93.7	95.4	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	35.7	92.4	94.7	96.6	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	35.7	92.4	94.7	96.6	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	35.7	92.4	94.9	96.8	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	35.7	92.9	95.5	97.3	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	35.7	93.1	95.8	97.6	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	35.7	93.3	96.0	98.0	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	35.7	93.5	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	35.7	93.5	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	35.7	93.5	96.2	98.2	99.0	99.0	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	35.7	93.5	96.2	98.2	99.0	99.0	99.1	99.1	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	35.7	93.5	96.2	98.2	99.0	99.0	99.1	99.1	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0700-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	77.6	65.8	67.6	68.8	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	79.1	70.4	72.4	73.5	73.8	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	79.1	70.4	72.4	73.5	73.8	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	79.1	70.4	72.4	73.5	73.8	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 14000	79.1	70.6	72.7	73.9	74.1	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	79.2	71.5	73.5	74.7	74.9	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	79.2	74.9	77.0	78.2	78.4	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	79.2	75.1	77.1	78.3	78.5	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	82.0	79.9	81.9	83.1	83.3	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	82.5	80.4	82.5	83.7	83.9	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	82.5	80.8	82.8	84.0	84.2	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	82.9	82.8	84.9	86.3	86.7	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	83.2	83.1	85.3	86.7	87.0	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	83.9	84.8	87.0	88.4	88.8	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	83.9	85.3	87.6	89.2	89.8	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	84.8	86.7	89.4	90.9	91.4	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	85.4	87.6	89.7	91.2	91.7	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	85.8	87.2	89.4	91.4	91.9	92.2	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	85.8	87.2	89.4	91.5	92.0	92.3	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	85.8	87.3	90.2	91.9	92.5	92.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	86.0	87.5	90.8	92.6	93.2	93.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	86.1	88.1	91.4	93.5	94.2	94.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	86.1	88.1	91.4	93.5	94.2	94.4	95.7	95.8	95.8	95.6	95.8	95.6	95.8	95.6	95.8	95.8
GE 800	86.1	88.4	91.7	94.0	94.8	95.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	86.1	88.5	91.8	94.2	95.1	95.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	86.1	89.0	92.4	94.7	95.6	95.8	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	86.1	89.0	92.6	94.9	96.0	96.2	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	86.1	89.1	92.8	95.3	96.3	96.6	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	86.1	89.2	92.9	95.5	96.7	96.9	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	86.1	89.4	93.0	95.6	96.8	97.0	98.7	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	86.1	89.4	93.0	95.6	96.8	97.0	98.7	98.9	98.9	99.1	99.5	99.5	99.6	99.6	99.7	99.7
GE 0	86.1	89.4	93.0	95.6	96.8	97.0	98.7	98.9	98.9	99.1	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	G
NO CEIL	22.0	54.6	57.7	59.2	60.0	60.4	60.8	60.8	60.8	60.6	60.8	60.8	60.9	60.9	61.0	61
GE 20000	24.1	62.4	66.0	67.8	68.6	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69
GE 18000	24.1	62.4	66.1	68.1	68.8	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	70.
GE 16000	24.1	62.6	66.3	68.4	69.1	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.
GE 14000	24.2	63.2	67.1	69.1	69.9	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.
GE 12000	24.7	64.8	68.7	70.8	71.5	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.
GE 10000	26.3	69.2	73.1	75.4	76.3	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.
GE 9000	26.5	69.7	73.5	75.8	76.9	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	78.0	78.
GE 8000	27.8	73.5	77.5	79.9	81.1	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.
GE 7000	28.3	74.1	78.1	80.4	81.6	82.0	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.
GE 6000	28.6	74.9	78.9	81.4	82.6	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.7	83.7	83.8	83.
GE 5000	29.1	77.4	81.7	84.2	85.4	85.8	86.2	86.2	86.3	86.3	86.5	86.5	86.6	86.6	86.7	86.
GE 4500	29.6	78.1	82.4	84.8	86.0	86.5	86.9	86.9	87.0	87.0	87.1	87.1	87.2	87.2	87.3	87.
GE 4000	30.0	79.0	83.5	86.0	87.4	87.8	88.3	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.8	88.
GE 3500	30.0	79.2	84.2	86.8	88.2	88.6	89.0	89.0	89.2	89.2	89.4	89.4	89.5	89.5	89.6	89.
GE 3000	30.1	80.1	85.4	88.1	89.5	89.9	90.3	90.3	90.5	90.5	90.6	90.6	90.8	90.8	90.9	91.
GE 2500	30.1	80.1	85.5	88.2	89.6	90.0	90.4	90.4	90.6	90.6	90.8	90.8	90.9	90.9	91.0	91.
GE 2000	30.1	80.3	86.0	88.7	90.1	90.5	91.1	91.2	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.
GE 1800	30.1	80.3	86.0	88.7	90.1	90.5	91.1	91.2	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.
GE 1500	30.2	80.8	86.5	89.2	90.8	91.3	91.8	91.9	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.
GE 1200	30.2	81.3	87.2	90.1	91.6	92.2	92.7	92.8	93.0	93.1	93.2	93.2	93.3	93.3	93.4	93.
GE 1000	30.2	81.8	88.0	90.9	92.7	93.2	94.0	94.1	94.3	94.4	94.5	94.5	94.6	94.6	94.7	94.
GE 900	30.2	82.2	88.3	91.2	93.1	93.7	94.4	94.5	94.7	94.8	94.9	94.9	95.1	95.1	95.2	95.
GE 800	30.2	82.5	88.8	91.9	94.1	94.6	95.6	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.5	96.
GE 700	30.2	82.7	89.0	92.3	94.4	94.9	95.9	96.1	96.3	96.5	96.6	96.6	96.7	96.7	96.8	96.
GE 600	30.2	82.8	89.2	92.5	94.7	95.3	96.3	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.
GE 500	30.2	82.8	89.2	92.5	94.7	95.3	96.5	96.8	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.
GE 400	30.2	82.9	89.4	92.6	95.1	95.6	97.0	97.6	98.0	98.2	98.4	98.4	98.5	98.5	98.6	98.
GE 300	30.2	82.9	89.4	92.7	95.2	95.7	97.2	97.8	98.3	98.6	98.8	98.8	98.9	98.9	99.0	99.
GE 200	30.2	82.9	89.4	92.7	95.3	95.8	97.3	98.0	98.4	98.8	99.0	99.0	99.2	99.2	99.4	99.
GE 100	30.2	82.9	89.4	92.7	95.3	95.8	97.4	98.1	98.5	98.9	99.2	99.2	99.5	99.5	99.6	99.
GE 0	30.2	82.9	89.4	92.7	95.3	95.8	97.4	98.1	98.5	98.9	99.2	99.2	99.5	99.5	99.6	100.

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.3	61.9	62.9	63.3	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9
GE 20000	28.7	69.8	71.0	71.4	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 18000	28.7	69.8	71.0	71.4	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 16000	28.7	70.6	71.8	72.3	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 14000	29.1	71.7	72.9	73.3	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 12000	29.8	73.0	74.2	74.6	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 10000	31.4	77.4	78.6	79.2	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 9000	31.5	77.8	79.4	79.8	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 8000	32.4	80.9	82.6	83.1	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 7000	33.0	81.7	83.5	84.4	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
GE 6000	33.3	82.9	84.7	85.6	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 5000	33.3	83.9	85.7	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 4500	33.4	84.0	85.8	86.9	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 4000	33.4	84.7	86.8	88.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 3500	33.4	85.1	87.1	88.3	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 3000	33.4	86.1	88.4	89.6	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 2500	33.4	86.6	88.9	90.1	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 2000	33.4	86.7	89.2	90.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1800	33.5	86.9	89.6	90.8	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 1500	33.9	87.4	90.3	91.6	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1200	34.1	88.8	91.7	93.1	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 1000	34.1	89.8	93.2	94.7	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 900	34.1	90.1	93.7	95.3	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 800	34.1	90.3	94.0	95.7	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 700	34.1	90.4	94.1	95.9	97.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 600	34.1	90.6	94.3	96.5	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.8	98.8	98.8
GE 500	34.1	91.0	94.7	96.9	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	34.1	91.1	94.8	97.0	98.4	98.7	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	34.1	91.1	94.8	97.0	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	34.1	91.1	94.8	97.0	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	34.1	91.1	94.8	97.0	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	34.1	91.1	94.8	97.0	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.4	65.3	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	31.7	73.8	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000	31.9	74.0	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	31.9	74.1	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	32.7	75.3	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 12000	33.5	77.4	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 10000	35.3	81.5	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000	35.6	82.0	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	35.6	84.9	86.1	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	35.7	85.1	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	36.1	86.0	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	36.1	87.2	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	36.1	87.2	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	36.5	88.5	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	36.9	89.7	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	37.0	90.8	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	37.0	91.4	93.1	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	37.0	92.2	94.1	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	37.2	92.8	94.7	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	37.4	94.0	96.0	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	37.5	94.9	97.1	97.7	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	37.5	95.2	97.3	98.0	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	37.5	95.6	97.7	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	37.6	95.9	98.1	98.7	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	37.6	95.9	98.2	98.8	99.4	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.4	69.2	69.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 20000	32.8	78.6	78.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	32.8	78.6	78.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	32.8	78.8	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 14000	33.2	79.6	79.7	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 12000	34.0	81.7	81.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 10000	35.8	85.4	85.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	36.2	86.0	86.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	36.5	87.4	87.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	36.7	87.6	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6000	36.9	88.5	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	37.2	90.4	90.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4500	37.3	90.9	91.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	37.7	92.8	92.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	38.0	93.5	93.7	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	38.3	95.3	95.5	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	38.4	95.7	96.1	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	38.4	95.8	96.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	38.4	96.0	96.5	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	38.4	97.2	97.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	38.4	97.4	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	38.4	97.4	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	38.4	97.4	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	38.4	97.4	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	38.4	97.4	98.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.2	69.6	70.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	33.3	80.9	82.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 18000	33.3	81.0	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 16000	33.3	81.2	82.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 14000	34.1	82.0	83.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 12000	35.1	84.7	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 10000	36.2	86.7	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 9000	36.6	87.3	88.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	37.0	89.1	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	37.2	89.4	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 6000	37.6	90.2	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000	38.1	91.9	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	38.3	92.2	93.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	38.4	93.7	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	38.7	94.3	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	38.7	94.9	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	38.8	95.1	96.6	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	38.8	95.1	96.6	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	38.8	95.5	97.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	38.8	96.2	97.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	38.9	96.3	97.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	38.9	96.5	98.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	38.9	96.5	98.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	38.9	96.5	98.0	99.1	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.4	73.0	74.7	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 20000	32.6	79.7	81.4	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	32.6	79.7	81.4	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 16000	32.6	79.7	81.4	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	32.7	80.1	81.8	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 12000	33.1	82.4	84.1	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10000	34.4	84.9	86.7	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	34.5	85.1	86.8	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 8000	35.1	86.8	88.5	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 7000	35.9	88.0	89.7	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	36.0	88.3	90.0	90.6	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 5000	36.5	90.2	92.0	92.7	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	36.5	90.4	92.3	92.9	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	36.5	91.6	93.4	94.1	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	36.6	92.8	94.6	95.3	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	36.6	93.4	95.4	96.1	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	36.6	93.4	95.4	96.1	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	36.6	93.5	95.5	96.2	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	36.6	93.8	95.8	96.6	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	36.6	94.4	96.5	97.2	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	36.6	94.6	96.8	97.5	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	36.6	94.7	96.9	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	36.6	94.8	97.0	97.7	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	36.6	94.8	97.2	98.0	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	36.6	95.5	97.8	98.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	36.6	95.6	98.0	98.7	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	36.6	95.6	98.0	98.7	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	36.6	95.6	98.0	98.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	36.6	95.6	98.0	98.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	36.6	95.6	98.0	98.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	36.6	95.6	98.0	98.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	36.6	95.6	98.0	98.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	66.1	67.5	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 20000	30.4	73.7	75.3	76.3	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
GE 18000	30.4	73.8	75.4	76.4	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 16000	30.4	74.0	75.6	76.6	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 14000	30.9	74.8	76.4	77.4	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 12000	31.4	76.6	78.2	79.2	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 10000	32.8	80.2	81.9	82.9	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 9000	33.0	80.6	82.2	83.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 8000	33.8	83.4	85.1	86.2	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 7000	34.2	84.0	85.6	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 6000	34.5	84.8	86.5	87.7	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 5000	34.8	86.5	88.3	89.6	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 4500	35.0	86.8	88.6	89.9	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 4000	35.2	88.2	90.1	91.3	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 3500	35.4	88.8	90.9	92.2	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 3000	35.4	89.8	92.0	93.3	93.9	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	35.5	90.1	92.3	93.6	94.2	94.3	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	35.5	90.2	92.6	93.9	94.5	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 1800	35.5	90.5	92.8	94.2	94.7	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	35.6	91.1	93.5	94.9	95.5	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 1200	35.7	91.6	94.1	95.6	96.2	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 1000	35.7	92.0	94.7	96.2	97.0	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 900	35.7	92.1	94.8	96.4	97.2	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
GE 800	35.7	92.3	95.1	96.7	97.6	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	35.7	92.5	95.3	96.9	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	35.7	92.6	95.5	97.2	98.1	98.2	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	35.7	92.7	95.6	97.3	98.3	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 400	35.7	92.8	95.7	97.4	98.4	98.6	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6
GE 300	35.7	92.8	95.7	97.4	98.5	98.6	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	35.7	92.8	95.7	97.4	98.5	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	35.7	92.8	95.7	97.4	98.5	98.6	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 0	35.7	92.8	95.7	97.4	98.5	98.6	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-80
MONTH: SEP HOURS(LST): 0 -23.0

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.0	68.2	69.1	69.3	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	33.7	72.7	73.7	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 18000	33.7	72.7	73.7	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	33.7	73.2	74.2	74.4	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	33.9	74.0	75.0	75.2	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	34.2	75.2	76.3	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	34.3	76.6	78.0	78.2	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	34.4	77.0	78.2	78.4	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	34.4	79.7	81.0	81.2	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	34.6	80.7	82.0	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	34.9	81.4	82.8	83.3	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	35.4	83.1	84.6	85.3	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	36.0	84.7	86.1	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	36.6	86.6	88.1	88.9	89.2	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	36.8	87.0	88.6	89.3	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	37.0	88.6	90.4	91.3	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	37.0	89.1	91.0	91.9	92.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	37.1	89.7	91.6	92.4	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	37.1	89.7	91.6	92.4	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	37.1	90.2	92.1	93.0	93.4	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	37.1	90.9	92.8	93.7	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	37.1	91.9	93.9	94.9	95.3	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	37.1	92.6	94.1	95.1	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	37.1	92.4	94.7	95.7	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	37.1	92.7	94.9	95.9	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	37.1	93.4	95.7	96.7	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	37.1	93.8	96.6	97.0	98.2	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	37.1	94.6	96.2	97.2	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	37.1	94.6	96.3	97.3	98.8	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	37.1	94.6	96.3	97.4	99.0	99.0	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	37.1	94.6	96.3	97.4	99.0	99.0	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	37.1	94.6	96.3	97.4	99.0	99.0	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724565 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.4	65.1	65.6	65.9	66.4	66.4	66.7	67.0	67.0	67.1	67.4	67.4	67.6	67.6	67.6	67.6
GE 20000	31.3	69.0	69.4	69.8	70.3	70.3	70.6	70.9	70.9	71.0	71.3	71.3	71.4	71.4	71.4	71.4
GE 18000	31.3	69.0	69.4	69.8	70.3	70.3	70.6	70.9	70.9	71.0	71.3	71.3	71.4	71.4	71.4	71.4
GE 16000	31.3	69.3	69.8	70.1	70.7	70.7	70.9	71.2	71.2	71.3	71.7	71.7	71.8	71.8	71.8	71.8
GE 14000	31.3	69.7	70.1	70.4	71.0	71.0	71.2	71.6	71.6	71.7	72.0	72.0	72.1	72.1	72.1	72.1
GE 12000	31.3	70.3	70.9	71.2	71.6	71.6	72.0	72.3	72.3	72.4	72.8	72.8	72.9	72.9	72.9	72.9
GE 10000	31.8	72.4	73.1	73.6	74.1	74.1	74.3	74.7	74.7	74.8	75.1	75.1	75.2	75.2	75.2	75.2
GE 9000	31.8	72.6	73.4	73.9	74.4	74.4	74.7	75.0	75.0	75.1	75.4	75.4	75.6	75.6	75.6	75.6
GE 8000	32.1	75.2	76.2	76.6	77.3	77.3	77.6	77.9	77.9	78.0	78.3	78.3	78.4	78.4	78.4	78.4
GE 7000	32.1	76.3	77.3	77.9	78.4	78.4	78.7	79.0	79.0	79.1	79.4	79.4	79.6	79.6	79.6	79.6
GE 6000	32.3	76.9	77.9	78.4	79.0	79.0	79.2	79.6	79.6	79.7	80.0	80.0	80.1	80.1	80.1	80.1
GE 5000	33.4	79.6	80.6	81.1	81.7	81.7	81.9	82.3	82.3	82.4	82.8	82.8	82.9	82.9	82.9	82.9
GE 4500	33.9	80.6	81.7	82.2	82.8	82.8	83.0	83.4	83.4	83.6	83.9	83.9	84.0	84.0	84.0	84.0
GE 4000	34.7	82.4	83.6	84.2	84.9	84.9	85.1	85.6	85.6	85.7	86.0	86.0	86.1	86.1	86.1	86.1
GE 3500	34.7	82.4	83.6	84.2	84.9	84.9	85.1	85.6	85.6	85.7	86.0	86.0	86.1	86.1	86.1	86.1
GE 3000	35.2	85.0	86.3	87.1	87.8	87.8	88.0	88.4	88.4	88.6	89.0	89.0	89.1	89.1	89.1	89.1
GE 2500	35.3	85.6	86.9	87.7	88.3	88.3	88.6	89.0	89.0	89.1	89.6	89.6	89.7	89.7	89.7	89.7
GE 2000	35.3	86.9	88.3	89.2	89.9	89.9	90.1	90.6	90.6	90.7	91.1	91.1	91.2	91.2	91.2	91.2
GE 1800	35.3	87.2	88.8	89.7	90.3	90.3	90.6	91.0	91.0	91.1	91.6	91.6	91.7	91.7	91.7	91.7
GE 1500	35.3	88.0	89.6	90.4	91.1	91.1	91.3	91.8	91.8	91.9	92.3	92.3	92.4	92.4	92.4	92.4
GE 1200	35.3	89.7	91.2	92.2	92.9	92.9	93.1	93.6	93.6	93.7	94.1	94.1	94.2	94.2	94.2	94.2
GE 1000	35.3	90.3	92.0	93.0	93.8	93.8	94.0	94.4	94.4	94.6	95.0	95.0	95.1	95.1	95.1	95.1
GE 900	35.3	90.3	92.0	93.1	93.9	93.9	94.1	94.6	94.6	94.7	95.1	95.1	95.2	95.2	95.2	95.2
GE 800	35.3	90.9	92.6	93.7	94.6	94.6	94.8	95.2	95.2	95.3	95.8	95.8	95.9	95.9	95.9	95.9
GE 700	35.3	91.6	92.9	94.3	95.3	95.3	95.6	96.1	96.1	96.2	96.7	96.7	96.8	96.8	96.8	96.8
GE 600	35.3	91.1	93.0	94.4	95.7	95.7	95.9	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1
GE 500	35.3	91.4	93.3	94.8	96.2	96.2	96.6	97.1	97.1	97.2	97.7	97.7	97.8	97.8	97.8	97.8
GE 400	35.3	91.4	93.6	95.1	96.9	96.9	97.3	97.9	97.9	98.1	98.6	98.6	98.7	98.7	98.7	98.7
GE 300	35.3	91.6	93.7	95.3	97.1	97.4	98.0	98.8	98.8	99.1	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	35.3	91.6	93.7	95.3	97.1	97.4	98.0	98.8	98.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	35.3	91.6	93.7	95.3	97.1	97.4	98.0	98.9	98.9	99.3	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	35.3	91.6	93.7	95.3	97.1	97.4	98.0	98.9	98.9	99.3	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.0	58.7	59.8	60.8	61.6	61.7	61.8	61.9	62.0	62.2	62.3	62.3	62.4	62.4	62.7	62.7
GE 20000	28.0	63.7	64.9	65.9	66.8	66.9	67.2	67.6	67.7	67.9	68.0	68.0	68.1	68.1	68.4	66.4
GE 18000	28.1	63.9	65.1	66.1	67.0	67.1	67.4	67.8	67.9	68.1	68.2	68.2	68.3	68.3	68.7	66.7
GE 16000	28.1	64.0	65.2	66.2	67.1	67.2	67.6	67.9	68.0	68.2	68.3	68.3	68.4	68.4	68.8	66.8
GE 14000	28.8	65.1	66.3	67.3	68.2	68.3	68.7	69.0	69.1	69.3	69.4	69.4	69.6	69.6	69.9	69.9
GE 12000	29.7	67.2	68.6	69.7	70.6	70.7	71.0	71.3	71.6	71.8	71.9	71.9	72.0	72.0	72.3	72.3
GE 10000	30.4	70.2	71.7	72.8	73.7	73.8	74.1	74.4	74.7	74.9	75.0	75.0	75.1	75.1	75.6	75.6
GE 9000	30.4	70.8	72.2	73.3	74.2	74.3	74.7	75.0	75.2	75.4	75.6	75.6	75.7	75.7	76.1	76.1
GE 8000	31.3	73.4	75.2	76.4	77.3	77.4	77.8	78.1	78.3	78.6	78.7	78.7	78.8	78.8	79.2	79.2
GE 7000	31.8	73.9	75.8	77.0	77.9	78.0	78.3	78.7	78.9	79.1	79.2	79.2	79.3	79.3	79.8	79.8
GE 6000	32.0	74.4	76.3	77.6	78.6	78.7	79.1	79.4	79.7	79.9	80.0	80.0	80.1	80.1	80.6	80.6
GE 5000	32.1	76.2	78.1	79.4	80.7	80.8	81.2	81.6	81.8	82.0	82.1	82.1	82.2	82.2	82.7	82.7
GE 4500	32.1	76.9	78.8	80.2	81.4	81.6	82.0	82.3	82.6	82.8	82.9	82.9	83.0	83.0	83.4	83.4
GE 4000	32.4	78.3	80.4	82.1	83.3	83.6	84.1	84.4	84.7	84.9	85.0	85.0	85.1	85.1	85.6	85.6
GE 3500	32.4	78.6	81.0	82.7	84.0	84.2	84.8	85.1	85.3	85.6	85.7	85.7	85.8	85.8	86.2	86.2
GE 3000	32.4	79.1	81.9	83.6	85.1	85.4	86.0	86.4	86.7	86.9	87.0	87.0	87.1	87.1	87.6	87.6
GE 2500	32.4	79.4	82.2	84.1	85.7	86.0	86.6	87.0	87.2	87.4	87.6	87.6	87.7	87.7	88.1	88.1
GE 2000	32.8	80.7	83.4	85.3	86.9	87.2	87.8	88.2	88.4	88.7	88.8	88.8	88.9	88.9	89.3	89.3
GE 1800	32.8	81.1	83.9	85.8	87.3	87.7	88.2	88.7	88.9	89.1	89.2	89.2	89.3	89.3	89.8	89.8
GE 1500	32.8	82.2	85.1	87.0	88.6	88.9	89.4	89.9	90.1	90.3	90.4	90.4	90.6	90.6	91.0	91.0
GE 1200	32.8	83.1	86.2	88.1	89.7	90.0	90.6	91.1	91.3	91.6	91.7	91.7	91.8	91.8	92.2	92.2
GE 1000	32.8	84.0	87.2	89.1	90.9	91.3	91.9	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.6	93.6
GE 900	32.8	84.1	87.6	89.7	91.6	92.0	92.6	93.1	93.3	93.6	93.7	93.7	93.8	93.8	94.2	94.2
GE 800	32.8	84.3	87.9	90.2	92.4	92.9	93.4	94.0	94.2	94.4	94.6	94.6	94.7	94.7	95.1	95.1
GE 700	32.8	84.7	88.3	90.8	93.2	93.7	94.4	95.1	95.3	95.6	95.7	95.7	95.8	95.8	96.2	96.2
GE 600	32.8	84.9	88.6	91.0	93.4	94.0	94.9	95.6	95.8	96.1	96.2	96.2	96.3	96.3	96.8	96.8
GE 500	32.8	85.0	88.9	91.4	94.0	94.6	95.4	96.3	96.7	97.0	97.1	97.1	97.2	97.2	97.7	97.7
GE 400	32.8	85.2	89.1	92.1	94.9	95.6	96.6	97.7	98.0	98.3	98.4	98.4	98.6	98.6	99.0	99.0
GE 300	32.8	85.2	89.1	92.1	95.1	95.8	96.8	97.9	98.2	98.6	98.7	98.7	98.8	98.8	99.2	99.2
GE 200	32.8	85.2	89.1	92.1	95.1	95.8	96.8	97.9	98.2	98.6	98.7	98.8	98.9	98.9	99.4	99.7
GE 100	32.8	85.2	89.1	92.1	95.1	95.8	96.8	97.9	98.2	98.6	98.9	99.0	99.1	99.1	99.7	100.0
GE 0	32.8	85.2	89.1	92.1	95.1	95.8	96.8	97.9	98.2	98.6	98.9	99.0	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.0	61.9	62.6	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	31.4	68.6	70.0	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	31.7	69.0	70.2	70.7	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	31.8	69.1	70.3	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	32.0	69.9	71.1	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 12000	32.7	71.6	72.8	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	33.4	74.8	76.1	76.7	76.8	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	33.9	75.3	76.7	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	34.3	78.1	79.7	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	34.8	78.9	80.4	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	34.9	79.3	80.9	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	34.9	79.7	81.2	82.3	82.4	82.4	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	35.0	80.0	81.6	82.7	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	35.2	81.4	83.0	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	35.2	81.8	83.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	35.2	83.0	84.9	86.3	86.7	86.7	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	35.3	84.2	86.1	87.6	87.9	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	35.6	84.7	86.6	88.0	88.3	88.3	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	35.7	85.7	87.6	89.0	89.3	89.3	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	35.9	87.4	89.3	91.0	91.3	91.3	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	35.9	88.1	90.0	91.7	92.0	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	35.9	89.0	91.1	92.8	93.2	93.3	93.4	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	35.9	89.4	91.7	93.3	93.8	93.9	94.0	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	35.9	89.7	92.0	93.8	94.7	94.8	94.9	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	35.9	89.9	92.3	94.4	95.6	95.6	95.9	96.4	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	35.9	90.1	92.8	95.0	96.2	96.6	96.7	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	35.9	90.3	93.1	95.4	96.8	97.1	97.3	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	35.9	90.3	93.2	95.8	97.1	97.4	97.7	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	35.9	90.3	93.3	95.9	97.2	97.6	98.0	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	35.9	90.3	93.3	95.9	97.2	97.6	98.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	35.9	90.3	93.3	95.9	97.2	97.6	98.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	35.9	90.3	93.3	95.9	97.2	97.6	98.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.3	64.2	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	65.0	73.2	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	65.3	73.8	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	65.3	73.8	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	65.9	74.7	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	66.2	76.0	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	66.4	78.4	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	66.7	78.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	66.9	81.2	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	67.0	81.9	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	67.2	82.2	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	67.3	83.4	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	67.6	84.0	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	67.8	85.0	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	68.0	86.1	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	68.1	87.6	89.2	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	68.6	89.0	90.6	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	68.8	89.8	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	69.0	90.4	92.0	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	69.2	91.6	93.4	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	69.2	92.6	94.2	94.9	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	69.2	93.7	95.6	96.2	96.4	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	69.2	93.8	95.8	96.4	96.7	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	69.2	93.6	96.1	96.8	97.2	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	69.2	93.9	96.4	97.2	97.7	98.1	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	69.2	93.9	96.4	97.2	97.8	98.3	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	69.2	94.2	96.8	97.6	98.1	98.7	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	69.2	94.2	96.8	97.6	98.1	98.7	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	69.2	94.2	96.9	97.7	98.2	98.8	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.2	94.2	96.9	97.7	98.2	98.8	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.2	94.2	96.9	97.7	98.2	98.8	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	69.2	94.2	96.9	97.7	98.2	98.8	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.9	61.7	63.0	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	33.0	74.0	75.3	75.4	75.4	75.6	75.8	75.8	75.8	75.6	75.8	75.8	75.8	75.8	75.8	75.8
GE 18000	33.1	74.4	75.8	75.9	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 16000	33.1	74.6	75.9	76.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	33.9	75.7	77.0	77.1	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	34.4	77.8	79.1	79.2	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	35.0	80.2	81.7	82.0	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9000	35.1	80.6	82.0	82.3	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	35.2	82.3	84.0	84.3	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 7000	35.3	82.9	84.8	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	35.7	83.7	85.6	85.9	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 5000	36.2	85.1	87.0	87.3	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	36.3	85.7	87.6	87.9	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	37.0	87.7	89.6	90.1	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	37.4	88.6	90.4	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	37.7	89.9	91.8	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	38.1	90.8	92.7	93.3	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	38.3	91.4	93.3	94.0	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	38.3	91.7	93.6	94.2	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	38.4	92.2	94.1	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	38.4	93.3	95.2	95.9	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	38.4	93.9	96.1	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	38.4	94.0	96.2	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	38.4	94.6	97.1	98.0	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	38.4	94.7	97.2	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	38.4	95.0	97.6	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	38.4	95.2	97.9	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	38.4	95.2	97.9	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	38.4	95.2	97.9	99.0	99.3	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	38.4	95.2	97.9	99.0	99.3	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.4	95.2	97.9	99.0	99.3	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	38.4	95.2	97.9	99.0	99.3	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	29.2	65.9	66.7	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	33.4	76.8	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	33.4	76.9	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	33.4	77.2	78.1	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 14000	33.7	77.8	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000	35.0	80.6	81.4	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 10000	35.8	83.2	84.1	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000	36.0	84.6	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 8000	36.0	87.0	87.9	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 7000	36.1	87.4	88.4	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	36.2	87.8	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	36.6	88.9	90.0	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	36.6	89.2	90.3	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	36.8	90.1	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	36.9	91.0	92.3	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	37.1	91.6	93.3	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	37.1	92.6	93.6	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	37.1	92.7	94.2	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	37.2	92.9	94.4	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	37.2	93.1	94.7	95.1	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	37.3	94.2	95.8	96.3	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	37.3	94.6	96.1	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	37.3	94.6	96.6	97.1	97.2	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	37.3	95.1	96.9	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	37.3	95.3	97.1	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	37.3	95.3	97.1	97.9	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	37.3	95.4	97.2	98.1	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	37.3	95.4	97.2	98.1	98.9	99.0	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	37.3	95.6	97.3	98.2	99.0	99.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	37.3	95.6	97.3	98.2	99.0	99.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	37.3	95.6	97.3	98.2	99.0	99.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	37.3	95.6	97.3	98.2	99.0	99.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 21

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	
NO CEIL	32.7	70.2	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE 20000	34.4	77.4	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 18000	34.6	77.6	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 16000	34.6	77.9	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 14000	34.8	78.1	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
GE 12000	35.0	79.0	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 10000	35.4	81.3	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 9000	35.4	81.6	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
GE 8000	36.3	85.1	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	
GE 7000	36.3	85.4	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
GE 6000	36.3	86.0	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 5000	36.8	87.9	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 4500	36.9	88.4	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 4000	37.3	90.6	90.9	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE 3500	37.7	91.3	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 3000	37.7	92.9	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 2500	37.7	92.9	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 2000	37.9	93.9	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 1800	37.9	93.9	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 1500	37.9	94.1	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 1200	37.9	94.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1000	37.9	95.4	96.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 900	37.9	95.6	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 800	37.9	96.1	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 700	37.9	96.1	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 600	37.9	96.2	97.0	97.9	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 500	37.9	96.2	97.1	98.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 400	37.9	96.3	97.2	98.1	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	37.9	96.4	97.3	98.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
GE 200	37.9	96.4	97.3	98.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
GE 100	37.9	96.4	97.3	98.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
GE 0	37.9	96.4	97.3	98.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.9	64.5	65.3	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 20000	32.5	71.9	72.8	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0
GE 18000	32.7	72.2	73.1	73.5	73.7	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2
GE 16000	32.7	72.4	73.3	73.7	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4
GE 14000	33.0	73.1	74.0	74.4	74.7	74.7	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	33.6	74.7	75.7	76.1	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8
GE 10000	34.1	77.2	78.2	78.7	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 9000	34.2	77.7	78.7	79.2	79.5	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	34.6	80.3	81.5	82.0	82.3	82.3	82.4	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	34.8	80.9	82.2	82.8	83.1	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6
GE 6000	34.9	81.5	82.8	83.4	83.7	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2
GE 5000	35.3	83.0	84.3	85.0	85.3	85.4	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	35.5	83.7	85.0	85.7	86.0	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6
GE 4000	36.0	85.3	86.7	87.5	87.8	87.8	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	36.1	85.8	87.3	88.1	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 3000	36.3	87.3	88.9	89.8	90.2	90.3	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.9	90.9
GE 2500	36.4	87.9	89.6	90.5	90.9	91.0	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6
GE 2000	36.6	88.7	90.4	91.4	91.8	91.9	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5
GE 1800	36.7	89.1	90.8	91.7	92.2	92.3	92.4	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	36.7	89.9	91.6	92.6	93.1	93.2	93.3	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	36.8	90.8	92.6	93.6	94.1	94.2	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	36.8	91.6	93.5	94.6	95.1	95.2	95.4	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE 900	36.8	91.8	93.6	94.9	95.4	95.6	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 800	36.8	92.1	94.3	95.4	96.1	96.3	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1
GE 700	36.8	92.3	94.5	95.6	96.6	96.8	97.0	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	36.8	92.5	94.8	96.1	97.1	97.3	97.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	36.8	92.7	95.0	96.4	97.6	97.8	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	36.8	92.8	95.2	96.6	97.9	98.1	98.5	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 300	36.8	92.8	95.2	96.7	98.0	98.3	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	36.8	92.8	95.2	96.7	98.1	98.3	98.8	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	36.8	92.8	95.2	96.7	98.1	98.3	98.8	99.3	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0
GE 0	36.8	92.8	95.2	96.7	98.1	98.3	98.8	99.3	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.2	65.1	65.1	65.2	65.5	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0
GE 20000	68.1	68.9	69.0	69.1	69.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
GE 18000	68.3	69.1	69.2	69.4	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2
GE 16000	68.5	69.5	69.6	69.7	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.5
GE 14000	68.6	70.0	70.1	70.2	70.5	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
GE 12000	68.9	70.5	70.8	70.9	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7
GE 10000	69.3	72.2	72.4	72.5	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
GE 9000	69.3	72.2	72.4	72.5	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
GE 8000	69.6	74.6	74.8	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	69.9	75.3	75.5	75.6	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.5
GE 6000	69.9	75.5	75.7	75.8	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
GE 5000	69.6	77.7	78.1	78.2	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0
GE 4500	69.6	78.1	78.4	78.5	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4
GE 4000	69.9	79.1	79.5	79.6	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
GE 3500	69.9	79.7	80.1	80.2	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2
GE 3000	69.9	81.0	81.4	81.6	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6
GE 2500	70.0	81.7	82.6	82.8	83.3	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
GE 2000	70.2	82.3	83.5	83.9	84.5	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.2
GE 1800	70.3	82.4	83.7	84.0	84.6	84.7	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.3
GE 1500	70.9	83.7	84.9	85.3	86.0	86.1	86.1	86.3	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.9
GE 1200	70.9	84.1	85.8	86.1	87.0	87.1	87.1	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.8
GE 1000	70.9	84.9	86.8	87.2	88.4	88.5	88.5	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.2
GE 900	70.9	85.2	87.3	87.8	89.2	89.5	89.6	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.3
GE 800	70.9	85.7	88.0	88.5	89.9	90.2	90.4	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.2
GE 700	70.9	86.0	88.5	89.0	90.4	90.8	91.0	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.7
GE 600	70.9	87.1	89.8	90.6	92.0	92.4	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.5
GE 500	70.9	87.4	90.3	91.6	93.4	93.9	94.5	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.9
GE 400	70.9	88.1	91.1	92.4	94.5	94.9	95.6	96.5	96.6	96.9	97.1	97.1	97.2	97.2	97.2	97.4
GE 300	70.9	88.2	91.2	92.5	94.9	95.5	96.1	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.8	98.1
GE 200	70.9	88.2	91.2	92.5	95.1	95.6	96.5	97.5	97.6	98.5	98.9	98.9	99.0	99.0	99.1	99.4
GE 100	70.9	88.2	91.2	92.5	95.1	95.6	96.5	97.5	97.6	98.5	98.9	98.9	99.0	99.1	99.2	99.5
GE 0	70.9	88.2	91.2	92.5	95.1	95.6	96.5	97.5	97.6	98.5	98.9	98.9	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.9	59.7	60.2	60.2	60.6	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.6	61.6	61.7	62.0
GE 20000	34.1	62.7	63.2	63.2	63.7	63.8	64.0	64.1	64.3	64.4	64.4	64.4	64.6	64.6	64.7	65.1
GE 18000	34.1	62.7	63.2	63.2	63.7	63.8	64.0	64.1	64.3	64.4	64.4	64.4	64.6	64.6	64.7	65.1
GE 16000	34.1	62.7	63.2	63.2	63.7	63.8	64.0	64.1	64.3	64.4	64.4	64.4	64.6	64.6	64.7	65.1
GE 14000	34.2	63.4	64.0	64.0	64.4	64.5	64.7	64.8	65.1	65.2	65.2	65.2	65.4	65.4	65.5	65.8
GE 12000	34.3	63.8	64.3	64.3	64.7	64.8	65.1	65.2	65.4	65.5	65.5	65.5	65.7	65.7	65.8	66.1
GE 10000	35.1	65.1	65.7	65.7	66.1	66.2	66.5	66.6	66.8	66.9	66.9	66.9	67.1	67.1	67.2	67.5
GE 9000	35.1	65.3	65.9	65.9	66.3	66.5	66.7	66.8	67.0	67.1	67.1	67.1	67.3	67.3	67.4	67.7
GE 8000	36.6	68.0	68.6	68.6	69.0	69.1	69.4	69.5	69.7	69.8	69.8	69.8	70.0	70.0	70.1	70.4
GE 7000	36.6	68.3	68.9	68.9	69.4	69.5	69.7	69.8	70.0	70.1	70.1	70.1	70.3	70.3	70.4	70.9
GE 6000	37.0	69.0	69.7	69.7	70.1	70.2	70.4	70.5	70.8	70.9	70.9	70.9	71.1	71.1	71.2	71.6
GE 5000	37.1	70.3	71.0	71.0	71.4	71.5	71.7	71.8	72.0	72.2	72.2	72.2	72.4	72.4	72.5	72.9
GE 4500	37.4	71.3	71.9	72.0	72.5	72.7	72.9	73.0	73.2	73.3	73.3	73.3	73.5	73.5	73.7	74.1
GE 4000	37.7	73.8	74.4	74.5	74.9	75.2	75.4	75.5	75.7	75.8	75.8	75.8	76.0	76.0	76.1	76.6
GE 3500	38.0	74.7	75.4	75.6	76.0	76.2	76.5	76.6	76.8	76.9	76.9	76.9	77.1	77.1	77.2	77.6
GE 3000	38.2	76.3	77.2	77.7	78.3	78.5	78.8	78.9	79.1	79.2	79.2	79.2	79.5	79.5	79.6	80.0
GE 2500	38.3	77.3	78.3	78.8	79.4	79.6	79.9	80.0	80.2	80.3	80.3	80.3	80.5	80.5	80.6	81.1
GE 2000	38.5	78.7	79.7	80.2	80.8	81.0	81.3	81.4	81.6	81.7	81.7	81.7	81.9	81.9	82.0	82.5
GE 1800	38.6	78.9	80.0	80.5	81.2	81.4	81.7	81.8	82.0	82.2	82.2	82.2	82.4	82.4	82.5	82.9
GE 1500	39.2	80.4	81.6	82.4	83.0	83.2	83.5	83.7	83.9	84.0	84.0	84.0	84.2	84.2	84.3	84.7
GE 1200	39.4	81.6	83.1	84.0	84.8	85.1	85.4	85.5	85.7	85.8	85.8	85.8	86.0	86.0	86.1	86.6
GE 1000	39.4	82.3	84.2	85.1	86.1	86.3	86.8	86.9	87.1	87.2	87.2	87.2	87.4	87.4	87.5	88.0
GE 900	39.5	82.6	84.6	85.5	86.7	86.9	87.3	87.4	87.6	87.6	87.8	87.8	88.1	88.1	88.2	88.6
GE 800	39.5	83.1	85.3	86.2	87.4	87.6	88.2	88.3	88.5	88.7	88.7	88.7	88.9	88.9	89.0	89.5
GE 700	39.5	83.4	86.2	87.3	88.5	88.8	89.4	89.5	89.8	90.0	90.0	90.0	90.2	90.2	90.4	90.9
GE 600	39.6	84.5	87.6	89.1	90.8	91.1	91.6	91.7	92.0	92.3	92.3	92.3	92.5	92.5	92.7	93.1
GE 500	39.6	85.1	88.4	90.1	92.8	93.2	93.9	94.0	94.3	94.5	94.5	94.5	94.7	94.7	94.9	95.5
GE 400	39.6	85.2	88.8	90.6	93.8	94.2	94.8	94.9	95.4	95.7	95.7	95.7	95.9	95.9	96.1	96.7
GE 300	39.6	85.5	89.1	91.0	94.1	94.6	95.5	95.8	96.5	97.2	97.2	97.2	97.4	97.4	97.6	98.2
GE 200	39.6	85.5	89.1	91.0	94.2	94.7	95.6	96.0	96.7	97.6	97.8	97.8	98.1	98.1	98.3	98.8
GE 100	39.6	85.5	89.1	91.0	94.2	94.7	95.6	96.2	96.9	98.0	98.2	98.2	98.4	98.4	98.6	99.1
GE 0	39.6	85.5	89.1	91.0	94.2	94.7	95.6	96.2	96.9	98.0	98.2	98.2	98.4	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.5	51.9	53.1	53.8	54.4	54.4	54.6	54.7	55.2	55.4	55.5	55.6	55.6	55.6	55.7	56.5
GE 20000	31.2	56.2	57.4	58.1	58.8	58.8	59.0	59.1	59.6	59.8	59.9	60.0	60.0	60.0	60.1	60.9
GE 18000	31.2	56.3	57.5	58.2	58.9	58.9	59.1	59.2	59.7	59.9	60.0	60.1	60.1	60.1	60.2	61.0
GE 16000	31.2	56.3	57.5	58.2	58.9	58.9	59.1	59.2	59.7	59.9	60.0	60.1	60.1	60.1	60.2	61.0
GE 14000	31.3	57.3	58.5	59.1	59.9	59.9	60.1	60.2	60.6	60.9	61.0	61.1	61.1	61.1	61.2	61.9
GE 12000	31.7	58.4	59.6	60.3	61.1	61.1	61.4	61.5	61.9	62.2	62.3	62.4	62.4	62.4	62.5	63.2
GE 10000	32.6	60.9	62.2	62.9	63.7	63.7	64.0	64.1	64.5	64.7	64.8	64.9	64.9	64.9	65.1	65.8
GE 9000	32.6	61.0	62.3	63.0	63.8	63.8	64.1	64.2	64.6	64.8	64.9	65.1	65.1	65.1	65.2	65.9
GE 8000	34.0	63.0	64.3	65.1	65.8	65.8	66.1	66.2	66.7	66.9	67.0	67.1	67.1	67.1	67.2	68.0
GE 7000	34.5	64.1	65.4	66.1	66.9	66.9	67.2	67.3	67.7	68.0	68.1	68.2	68.2	68.2	68.3	69.0
GE 6000	35.1	65.1	66.7	67.4	68.2	68.2	68.5	68.6	69.0	69.2	69.4	69.5	69.5	69.5	69.6	70.3
GE 5000	35.5	66.6	68.2	68.9	69.7	69.7	70.0	70.1	70.5	70.8	70.9	71.0	71.0	71.0	71.1	71.8
GE 4500	35.8	67.6	69.4	70.1	70.9	70.9	71.2	71.3	71.7	71.9	72.0	72.2	72.2	72.2	72.3	73.0
GE 4000	36.6	69.7	71.4	72.2	72.9	73.0	73.3	73.4	73.9	74.1	74.2	74.3	74.3	74.3	74.4	75.2
GE 3500	36.6	70.1	71.9	72.7	73.5	73.7	74.0	74.1	74.5	74.7	74.8	74.9	74.9	74.9	75.1	75.8
GE 3000	37.0	71.4	73.3	74.1	74.9	75.1	75.4	75.5	75.9	76.1	76.2	76.3	76.3	76.3	76.5	77.2
GE 2500	37.2	71.9	73.9	74.6	75.7	75.8	76.1	76.3	76.8	77.0	77.1	77.2	77.2	77.2	77.3	78.1
GE 2000	37.4	73.8	75.7	76.5	77.6	77.7	78.1	78.3	78.7	78.9	79.0	79.1	79.1	79.1	79.2	80.0
GE 1800	37.4	74.1	76.0	76.8	78.1	78.2	78.5	78.7	79.1	79.4	79.5	79.6	79.6	79.6	79.7	80.4
GE 1500	37.6	75.8	78.1	78.9	80.3	80.5	81.0	81.2	81.6	81.8	81.9	82.0	82.0	82.0	82.2	82.9
GE 1200	37.8	76.6	78.9	79.8	81.2	81.4	81.9	82.2	82.6	82.8	82.9	83.0	83.0	83.0	83.1	83.9
GE 1000	38.0	77.2	80.0	81.0	82.5	82.7	83.2	83.4	83.9	84.1	84.2	84.3	84.3	84.3	84.4	85.2
GE 900	38.0	77.8	80.6	81.6	83.3	83.5	84.1	84.3	84.7	84.9	85.1	85.2	85.2	85.2	85.3	86.0
GE 800	38.0	78.9	81.8	83.2	85.2	85.5	86.0	86.2	86.7	86.9	87.0	87.1	87.1	87.2	87.3	88.1
GE 700	38.0	79.4	82.9	84.5	86.6	86.9	87.5	87.7	88.2	88.5	88.6	88.7	88.8	88.9	89.0	89.8
GE 600	38.0	79.6	83.2	85.2	87.6	88.0	88.7	88.9	89.4	89.7	89.8	89.9	90.0	90.1	90.2	91.0
GE 500	38.0	79.9	83.5	85.6	88.6	89.2	90.0	90.4	91.0	91.4	91.5	91.6	91.7	91.8	91.9	92.7
GE 400	38.1	80.6	84.6	87.0	90.5	91.3	92.4	93.0	93.7	94.2	94.3	94.4	94.5	94.6	94.7	95.5
GE 300	38.1	80.8	84.8	87.2	91.2	91.9	93.1	93.8	94.7	95.4	95.5	95.6	95.8	95.9	96.0	96.9
GE 200	38.1	80.8	84.8	87.2	91.3	92.0	93.2	93.9	95.2	96.0	96.5	96.6	96.8	97.1	97.2	98.3
GE 100	38.1	80.8	84.8	87.2	91.3	92.0	93.2	94.0	95.3	96.5	96.9	97.0	97.3	97.6	97.8	99.5
GE 0	38.1	80.8	84.6	87.2	91.3	92.0	93.2	94.0	95.3	96.5	96.9	97.0	97.4	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.8	54.1	54.9	55.2	55.5	55.7	55.8	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.3	56.5
GE 20000	33.2	60.2	61.1	61.3	61.6	61.8	61.9	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.5	62.6
GE 18000	33.3	60.3	61.2	61.4	61.7	61.9	62.0	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.7
GE 16000	33.3	60.3	61.2	61.5	61.8	62.0	62.2	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.8
GE 14000	33.3	60.9	61.7	62.0	62.4	62.6	62.7	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.3
GE 12000	33.5	62.8	63.7	64.0	64.3	64.5	64.6	64.8	64.8	64.9	64.9	65.1	65.1	65.1	65.2	65.3
GE 10000	34.1	64.6	65.5	65.8	66.1	66.3	66.5	66.7	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.1
GE 9000	34.2	64.7	65.6	65.9	66.2	66.5	66.6	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.1	67.2
GE 8000	35.1	66.5	67.3	67.6	68.0	68.2	68.3	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.9
GE 7000	35.8	67.4	68.3	68.6	68.9	69.1	69.2	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.9
GE 6000	36.0	68.1	68.9	69.2	69.6	69.8	69.9	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.5
GE 5000	36.3	69.1	70.1	70.4	70.8	71.0	71.1	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.7
GE 4500	36.5	69.6	70.5	70.9	71.2	71.4	71.5	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.2
GE 4000	36.6	70.4	71.5	71.9	72.3	72.6	72.7	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.3
GE 3500	36.8	70.6	71.7	72.2	72.5	72.8	72.9	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.5
GE 3000	37.2	72.5	73.5	74.0	74.4	74.7	74.8	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.5
GE 2500	37.6	73.5	74.6	75.1	75.6	75.9	76.0	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.6	76.7
GE 2000	38.0	76.0	77.2	77.7	78.4	78.7	78.8	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.4	79.5
GE 1800	38.2	76.6	77.8	78.4	79.0	79.4	79.5	79.7	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.1
GE 1500	38.5	78.4	79.8	80.3	81.1	81.4	81.5	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.2
GE 1200	38.9	80.8	82.3	82.8	83.7	84.1	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.8
GE 1000	38.9	81.7	83.7	84.5	85.5	86.0	86.2	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.8	86.9
GE 900	38.9	83.0	85.4	86.2	87.3	88.0	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.9
GE 800	39.0	83.9	86.9	88.1	89.1	89.8	90.1	90.3	90.3	90.5	90.5	90.6	90.6	90.6	90.8	90.9
GE 700	39.0	84.2	87.7	88.9	90.1	90.8	91.2	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.9
GE 600	39.0	84.8	88.6	90.2	91.8	92.5	92.9	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.7
GE 500	39.0	85.3	89.0	91.0	92.7	93.4	94.1	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.9	95.1
GE 400	39.0	85.6	89.7	91.7	94.0	94.7	95.6	96.5	96.6	97.0	97.1	97.2	97.2	97.2	97.3	97.4
GE 300	39.0	85.6	89.8	91.8	94.3	95.1	95.9	96.8	97.0	97.4	97.6	97.7	97.7	97.7	97.8	98.0
GE 200	39.0	85.6	89.9	91.9	94.4	95.3	96.1	97.1	97.3	98.3	98.5	98.6	98.7	98.9	99.1	99.4
GE 100	39.0	85.6	89.9	91.9	94.4	95.3	96.1	97.1	97.3	98.3	98.5	98.6	99.0	99.2	99.5	100.0
GE 0	39.0	85.6	89.9	91.9	94.4	95.3	96.1	97.1	97.3	98.3	98.5	98.6	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.2	58.5	58.8	56.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	36.7	64.7	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	36.7	64.9	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	36.7	[illegible]	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	36.8	65.6	66.0	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 12000	37.2	67.4	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	37.8	69.5	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	37.8	69.5	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	38.5	71.1	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	38.7	71.6	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	38.7	71.9	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	38.7	72.5	72.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	38.7	72.5	72.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	39.2	73.3	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	39.7	74.1	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3000	40.2	77.6	78.3	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	40.8	78.9	79.6	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	41.0	80.9	81.6	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	41.4	81.6	82.5	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	41.5	83.7	84.7	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	41.9	86.1	87.4	88.2	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	41.9	87.6	89.2	90.3	91.7	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	41.9	88.2	89.9	91.0	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	41.9	89.4	91.4	92.7	94.2	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	41.9	89.4	91.7	93.1	94.6	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	41.9	90.8	93.2	94.8	96.5	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	41.9	91.2	93.9	95.5	97.3	97.5	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	41.9	91.2	94.1	95.7	97.7	98.0	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	41.9	91.3	94.2	95.8	98.0	98.2	98.7	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	41.9	91.3	94.2	95.8	98.0	98.2	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	41.9	91.3	94.2	95.8	98.0	98.2	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	41.9	91.3	94.2	95.8	98.0	98.2	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	36.2	68.2	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	36.3	68.3	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	36.3	68.5	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	36.5	69.0	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	36.9	70.3	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	37.6	72.8	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	37.7	73.0	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	38.1	74.0	74.7	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 7000	38.4	74.6	75.4	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	38.5	74.8	75.6	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 5000	38.8	75.7	76.5	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	38.8	75.9	76.7	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	38.9	76.8	77.5	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	39.0	77.0	77.8	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	39.8	80.8	81.8	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	39.9	82.7	83.9	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	40.4	85.1	86.5	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	40.4	85.5	86.9	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	40.6	86.9	88.9	89.4	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	40.9	88.7	90.8	91.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	40.9	89.0	91.2	91.9	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	40.9	89.0	91.3	92.0	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	40.9	89.5	91.8	92.8	94.6	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	40.9	89.7	92.3	93.3	95.3	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	40.9	91.1	93.8	94.9	96.9	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	40.9	91.7	94.5	95.8	97.7	98.2	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	40.9	91.8	94.6	96.0	98.0	98.4	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	40.9	91.9	94.8	96.2	98.2	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.9	91.9	94.8	96.2	98.2	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.9	91.9	94.8	96.2	98.2	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.9	91.9	94.8	96.2	98.2	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.1	64.6	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	37.2	71.5	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	37.3	71.8	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	37.3	71.8	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	37.3	72.5	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 12000	38.2	74.1	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	39.0	76.2	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	39.1	76.3	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	39.5	77.0	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	39.5	77.7	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	39.5	77.8	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	40.0	78.8	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	40.0	78.8	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	40.2	80.3	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	40.3	81.2	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	40.5	82.6	84.2	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	40.8	83.7	85.4	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	41.0	85.5	87.4	87.6	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	41.0	85.7	87.6	87.8	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	41.2	86.3	88.6	88.9	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	41.3	88.4	90.6	91.0	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	41.3	89.1	91.6	91.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	41.3	89.6	92.0	92.4	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	41.3	90.0	92.6	92.9	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	41.3	90.4	93.2	93.7	95.5	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	41.3	90.9	93.7	94.3	96.2	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	41.3	91.0	93.9	94.5	96.7	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	41.3	91.2	94.1	94.8	97.6	98.0	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	41.3	91.4	94.3	95.1	98.0	98.3	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	41.3	91.4	94.4	95.2	98.1	98.4	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	41.3	91.4	94.4	95.2	98.1	98.4	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	41.3	91.4	94.4	95.2	98.1	98.4	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.5	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	66.1
GE 20000	37.4	71.5	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.5
GE 18000	37.7	71.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8
GE 16000	37.7	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1
GE 14000	37.7	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1
GE 12000	37.8	73.0	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.0
GE 10000	38.6	75.2	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.2
GE 9000	38.6	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3
GE 8000	39.5	76.7	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7
GE 7000	39.6	77.5	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6
GE 6000	39.6	77.6	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8
GE 5000	39.7	78.8	79.1	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.2
GE 4500	39.7	79.0	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 4000	40.2	80.3	80.6	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7
GE 3500	40.3	80.6	81.0	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.0
GE 3000	40.3	81.9	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.7
GE 2500	40.6	84.3	85.2	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8
GE 2000	40.6	85.2	86.0	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.6
GE 1800	40.6	85.2	86.0	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.6
GE 1500	40.6	86.1	87.4	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0
GE 1200	40.6	87.2	88.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4
GE 1000	40.6	88.2	89.9	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9
GE 900	40.6	88.7	90.5	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.8
GE 800	40.6	88.9	90.9	92.5	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.7
GE 700	40.6	89.0	91.2	92.9	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6
GE 600	40.6	89.4	91.5	93.2	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3
GE 500	40.6	90.0	92.4	94.2	95.9	96.0	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE 400	40.6	90.3	92.7	94.6	96.5	96.6	97.1	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.3
GE 300	40.6	90.3	92.7	94.6	96.6	96.7	97.2	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.6
GE 200	40.6	90.3	92.9	94.8	96.9	97.1	97.6	98.3	98.5	98.8	99.1	99.1	99.4	99.5	99.5	99.8
GE 100	40.6	90.3	92.9	94.8	96.9	97.1	97.6	98.3	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.9
GE 0	40.6	90.3	92.9	94.8	96.9	97.1	97.6	98.3	98.5	98.9	99.2	99.2	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.5	60.1	60.5	60.7	61.0	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.6
GE 20000	35.3	65.5	66.0	66.2	66.5	66.6	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.2
GE 18000	35.4	65.7	66.2	66.4	66.7	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.4
GE 16000	35.4	65.8	66.3	66.5	66.9	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.5
GE 14000	35.5	66.4	66.9	67.1	67.4	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.9	68.1
GE 12000	35.8	67.5	68.1	68.3	68.7	68.7	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.3
GE 10000	36.5	69.5	70.2	70.4	70.7	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.4
GE 9000	36.6	69.7	70.3	70.5	70.9	70.9	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.5
GE 8000	37.5	71.3	72.0	72.2	72.6	72.6	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.3
GE 7000	37.7	72.1	72.7	73.0	73.3	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.8	74.0
GE 6000	37.9	72.5	73.2	73.4	73.8	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.5
GE 5000	38.2	73.7	74.4	74.7	75.1	75.1	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.8
GE 4500	38.3	74.1	74.9	75.2	75.5	75.6	75.7	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.2
GE 4000	38.7	75.5	76.3	76.6	77.0	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.7
GE 3500	38.8	76.0	76.9	77.2	77.6	77.7	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.4
GE 3000	39.1	78.0	79.0	79.4	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.6
GE 2500	39.4	79.3	80.4	80.8	81.4	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.2
GE 2000	39.6	80.9	82.2	82.7	83.3	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.9	84.1
GE 1800	39.7	81.2	82.6	83.1	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.5
GE 1500	40.0	82.7	84.3	84.9	85.7	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.5
GE 1200	40.2	84.2	86.0	86.6	87.5	87.6	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.4
GE 1000	40.2	85.0	87.1	87.9	89.0	89.2	89.4	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	90.0
GE 900	40.2	85.5	87.7	88.5	89.8	90.0	90.3	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.9
GE 800	40.3	86.2	88.6	89.6	91.0	91.3	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.2
GE 700	40.3	86.4	89.2	90.3	91.9	92.2	92.6	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.3
GE 600	40.3	87.3	90.2	91.6	93.3	93.6	94.1	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.9
GE 500	40.3	87.7	90.7	92.3	94.4	94.8	95.4	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.5
GE 400	40.3	88.0	91.2	92.9	95.3	95.8	96.5	97.0	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.9
GE 300	40.3	88.1	91.4	93.0	95.6	96.1	96.8	97.4	97.7	98.1	98.2	98.2	98.3	98.3	98.4	98.6
GE 200	40.3	88.1	91.4	93.1	95.8	96.2	97.0	97.7	98.0	98.6	98.8	98.9	99.0	99.0	99.1	99.4
GE 100	40.3	88.1	91.4	93.1	95.8	96.2	97.0	97.7	98.0	98.7	99.0	99.0	99.2	99.2	99.3	99.7
GE 0	40.3	88.1	91.4	93.1	95.8	96.2	97.0	97.7	98.0	98.7	99.0	99.0	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.7	54.4	55.0	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2
GE 20000	25.6	59.9	60.4	61.2	61.3	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
GE 18000	25.7	60.1	60.7	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 16000	25.7	60.1	60.7	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 14000	25.9	60.4	61.0	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 12000	26.1	61.9	62.4	63.2	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7
GE 10000	26.9	63.8	64.6	65.3	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
GE 9000	26.9	64.0	64.8	65.6	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
GE 8000	27.3	65.4	66.2	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
GE 7000	28.0	66.9	67.7	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
GE 6000	28.2	67.6	68.3	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6
GE 5000	28.3	68.1	68.9	69.9	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3
GE 4500	28.7	69.0	69.8	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 4000	28.7	70.4	71.2	72.2	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
GE 3500	29.4	72.2	73.0	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
GE 3000	29.8	74.6	75.4	76.6	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
GE 2500	30.3	76.3	77.2	78.4	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE 2000	30.7	77.7	79.0	80.2	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 1800	30.7	78.1	79.6	80.8	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6
GE 1500	30.9	79.6	81.0	82.2	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0
GE 1200	30.9	81.1	83.3	85.0	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
GE 1000	30.9	82.0	84.3	86.4	87.1	87.1	87.3	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.8	87.8
GE 900	30.9	82.2	84.7	86.9	87.8	87.8	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 800	30.9	82.7	85.7	88.0	88.9	89.0	89.2	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 700	30.9	82.9	86.2	89.2	90.3	90.4	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.3	91.3
GE 600	31.0	83.1	86.4	89.4	90.8	90.9	91.1	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.9	91.9
GE 500	31.0	83.8	87.6	90.8	92.4	92.6	93.2	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 400	31.0	84.1	87.9	91.1	93.1	93.3	94.4	95.1	95.3	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 300	31.0	84.1	88.1	91.3	93.6	93.8	95.1	96.1	96.4	96.9	97.1	97.1	97.2	97.2	97.3	97.7
GE 200	31.0	84.1	88.1	91.3	93.6	93.8	95.1	96.1	96.9	97.4	97.9	97.9	98.2	98.2	98.3	98.7
GE 100	31.0	84.1	88.1	91.3	93.6	93.8	95.1	96.1	96.9	97.6	98.2	98.2	98.7	99.0	99.2	99.7
GE 0	31.0	84.1	88.1	91.3	93.6	93.8	95.1	96.1	96.9	97.6	98.2	98.2	98.7	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.0	53.0	54.9	55.6	56.0	56.0	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.6	56.6
GE 20000	24.0	56.6	58.4	59.2	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 18000	24.0	56.6	58.4	59.2	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 16000	24.0	56.6	58.4	59.2	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 14000	24.0	56.6	58.4	59.2	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 12000	24.0	57.4	59.3	60.1	60.6	60.6	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
GE 10000	24.1	59.4	61.3	62.2	62.7	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2
GE 9000	24.1	59.4	61.3	62.2	62.7	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2
GE 8000	24.4	60.6	62.4	63.4	63.9	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4
GE 7000	25.1	61.4	63.3	64.3	64.8	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 6000	25.6	62.1	64.0	65.1	65.6	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 5000	26.1	64.1	66.1	67.4	67.9	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 4500	26.3	65.0	67.0	68.3	68.8	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3
GE 4000	26.6	66.2	68.2	69.6	70.0	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6
GE 3500	27.0	67.3	69.3	70.7	71.1	71.1	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7
GE 3000	27.0	68.1	70.1	71.4	71.9	71.9	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7
GE 2500	27.6	70.2	72.2	73.6	74.0	74.0	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 2000	27.8	71.7	73.8	75.1	75.6	75.6	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
GE 1800	27.8	72.6	74.7	76.0	76.4	76.4	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2
GE 1500	28.6	74.6	76.6	78.2	78.8	78.8	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6
GE 1200	28.6	76.2	78.6	80.1	80.7	80.7	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4
GE 1000	28.8	77.7	80.1	82.2	83.0	83.0	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.1	84.1
GE 900	29.1	78.9	81.6	83.7	84.6	84.6	85.1	85.1	85.1	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 800	29.1	80.0	83.6	86.0	86.9	87.0	87.6	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.2	88.2
GE 700	29.1	80.6	84.1	86.7	87.6	87.7	88.3	88.4	88.4	88.9	88.9	88.9	88.9	88.9	89.0	89.0
GE 600	29.1	80.9	84.8	87.9	89.1	89.2	89.9	90.1	90.2	90.7	90.7	90.7	90.7	90.7	90.8	90.8
GE 500	29.1	81.0	85.1	88.4	90.3	90.7	91.3	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 400	29.1	81.1	85.2	88.6	91.2	91.7	92.9	94.2	94.7	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 300	29.1	81.1	85.3	88.8	91.8	92.4	94.1	95.7	96.1	96.7	96.7	96.7	97.0	97.0	97.1	97.3
GE 200	29.1	81.2	85.6	89.0	92.0	92.7	94.4	96.1	97.0	98.0	98.0	98.0	98.3	98.3	98.4	98.9
GE 100	29.1	81.2	85.6	89.0	92.0	92.7	94.4	96.2	97.1	98.1	98.3	98.3	98.7	98.7	98.8	99.7
GE 0	29.1	81.2	85.6	89.0	92.0	92.7	94.4	96.2	97.1	98.1	98.4	98.4	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.4	45.6	47.1	48.7	50.0	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.6	50.6	50.7	51.1
GE 20000	21.4	49.2	50.9	52.6	53.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.7	55.2
GE 18000	21.4	49.2	50.9	52.6	53.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.7	55.2
GE 16000	21.6	49.3	51.0	52.7	54.0	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.8	55.3
GE 14000	21.6	49.6	51.2	52.9	54.2	54.2	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.6
GE 12000	21.9	49.9	51.6	53.2	54.6	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.3	56.0
GE 10000	22.4	51.4	53.3	55.0	56.4	56.4	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.2	57.9
GE 9000	22.4	51.4	53.3	55.0	56.4	56.4	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.2	57.9
GE 8000	23.4	54.4	56.3	58.0	59.6	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.3	61.0
GE 7000	23.7	55.3	57.2	58.9	60.4	60.4	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.2	61.9
GE 6000	24.0	55.8	57.7	59.3	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.8	62.4
GE 5000	24.6	57.4	59.4	61.1	63.0	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.8	64.4
GE 4500	24.6	58.0	60.0	61.7	63.6	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.3	65.0
GE 4000	24.6	58.7	60.7	62.3	64.3	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.1	65.6
GE 3500	24.9	59.4	61.6	63.2	65.2	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	66.0	66.7
GE 3000	25.8	61.3	63.4	65.1	67.1	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.9	68.6
GE 2500	25.1	63.6	65.7	67.3	69.3	69.4	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.2	70.9
GE 2000	26.8	66.2	68.6	70.2	72.2	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1	73.8
GE 1800	26.9	67.1	69.6	71.4	73.4	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.3	75.0
GE 1500	27.7	68.9	71.6	73.4	75.6	75.7	76.1	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.9	77.6
GE 1200	27.8	71.0	73.9	76.3	78.6	78.7	79.3	79.7	79.8	79.8	79.8	79.8	79.9	79.9	80.1	80.8
GE 1000	27.8	72.3	75.3	77.9	80.3	80.6	81.3	81.7	81.8	81.8	81.8	81.6	81.9	81.9	82.1	82.8
GE 900	28.0	73.2	76.4	79.6	82.3	82.8	83.6	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.6	85.2
GE 800	28.0	74.7	78.3	81.7	85.2	85.9	86.9	87.2	87.3	87.6	87.7	87.7	87.8	87.8	88.0	88.7
GE 700	28.0	75.4	79.1	82.7	86.2	87.0	88.1	88.4	88.6	88.8	88.9	89.0	89.1	89.1	89.3	90.0
GE 600	28.0	76.1	79.8	83.4	87.1	88.0	89.3	89.8	90.0	90.2	90.3	90.4	90.6	90.6	90.8	91.4
GE 500	28.0	76.3	80.1	83.8	87.8	88.8	90.3	91.2	91.4	91.7	91.9	92.0	92.1	92.1	92.3	93.0
GE 400	28.0	76.6	80.4	84.2	88.3	89.6	91.3	92.9	93.3	93.7	93.9	94.0	94.1	94.1	94.4	95.1
GE 300	28.0	76.7	80.6	84.8	88.9	90.3	92.2	94.1	94.7	95.3	95.6	95.7	95.9	95.9	96.2	97.0
GE 200	28.0	76.7	80.6	84.8	88.9	90.3	92.2	94.3	95.2	96.2	96.7	96.8	97.2	97.2	97.6	98.4
GE 100	28.0	76.7	80.6	84.8	88.9	90.3	92.2	94.3	95.3	96.3	96.9	97.0	97.6	97.6	98.0	98.9
GE 0	28.0	76.7	80.6	84.8	88.9	90.3	92.2	94.3	95.3	96.3	96.9	97.0	97.6	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.2	47.2	48.6	49.1	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
GE 20000	23.3	53.4	54.8	55.7	56.1	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
GE 18000	23.4	53.8	55.1	56.0	56.4	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
GE 16000	23.4	53.8	55.1	56.0	56.4	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
GE 14000	23.4	54.4	56.0	56.9	57.3	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9
GE 12000	23.6	55.0	56.6	57.4	57.9	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
GE 10000	24.3	56.9	58.6	59.4	59.9	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
GE 9000	24.4	57.4	59.1	60.0	60.4	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
GE 8000	25.0	59.7	61.3	62.2	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 7000	25.8	60.8	62.4	63.3	64.0	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
GE 6000	25.9	60.9	62.7	63.7	64.3	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
GE 5000	26.1	62.0	63.8	64.8	65.6	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
GE 4500	26.1	62.2	64.2	65.2	66.0	66.1	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 4000	26.6	63.8	65.9	66.9	67.7	67.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6
GE 3500	26.8	64.2	66.3	67.3	68.1	68.2	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0
GE 3000	26.9	64.9	67.0	68.0	68.8	68.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7
GE 2500	27.3	65.8	67.9	69.0	69.8	69.9	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
GE 2000	27.9	68.0	70.3	71.7	72.4	72.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 1800	28.0	69.4	71.8	73.1	73.9	74.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 1500	28.3	71.7	74.3	75.7	76.4	76.6	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 1200	28.4	72.8	75.6	77.0	77.9	78.0	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 1000	28.7	74.3	77.3	79.0	80.7	80.8	81.2	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
GE 900	28.7	75.8	79.2	81.1	83.0	83.2	83.7	84.1	84.8	84.8	84.8	84.6	84.8	84.8	84.9	84.9
GE 800	28.7	76.2	79.8	81.9	84.2	84.4	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
GE 700	28.7	76.8	80.9	83.2	85.7	86.1	86.9	87.4	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.4
GE 600	28.7	77.4	81.6	84.3	87.1	87.7	88.7	89.3	90.3	90.4	90.4	90.4	90.6	90.6	90.7	90.7
GE 500	28.7	77.8	82.4	85.4	88.3	88.9	90.2	91.7	93.0	93.2	93.2	93.2	93.3	93.3	93.4	93.4
GE 400	28.7	77.9	82.7	85.9	89.0	89.6	91.2	93.1	95.3	95.8	95.9	96.0	96.1	96.1	96.2	96.2
GE 300	28.7	78.0	82.9	86.1	89.3	89.9	91.7	94.0	96.7	97.4	97.9	98.1	98.2	98.2	98.4	98.4
GE 200	28.7	78.0	82.9	86.1	89.3	89.9	91.8	94.4	97.3	98.2	98.8	99.0	99.2	99.2	99.4	99.4
GE 100	28.7	78.0	82.9	86.1	89.3	89.9	91.8	94.4	97.4	98.3	98.9	99.1	99.4	99.6	99.9	100.0
GE 0	28.7	78.0	82.9	86.1	89.3	89.9	91.8	94.4	97.4	98.3	98.9	99.1	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.4	54.2	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	26.7	60.0	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	27.3	61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	27.3	61.4	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	27.3	61.7	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	27.6	62.6	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	28.1	63.9	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	28.3	64.2	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	28.4	65.7	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	29.0	67.3	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	29.2	67.9	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	29.9	70.0	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	29.9	70.0	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	30.4	71.6	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	30.4	71.8	72.6	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	30.7	72.4	73.2	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 2500	31.0	73.7	74.4	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2000	31.3	76.3	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	31.8	77.2	78.1	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500	31.8	80.0	81.0	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1200	32.1	82.0	83.3	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	32.3	83.4	84.9	85.7	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	32.3	84.4	86.2	87.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	32.4	85.2	87.0	88.3	89.8	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	32.4	85.4	87.6	89.4	91.1	91.6	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	32.4	85.6	87.9	89.9	91.7	92.2	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 500	32.4	85.7	88.0	90.0	92.2	92.8	93.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	32.4	85.7	88.0	90.0	92.6	93.1	94.3	96.0	97.1	97.3	97.4	97.4	97.4	97.6	97.8	97.8
GE 300	32.4	85.7	88.0	90.0	92.9	93.4	94.8	96.6	97.7	98.3	98.6	98.6	98.6	98.7	98.9	98.9
GE 200	32.4	85.7	88.0	90.0	92.9	93.4	94.8	96.9	98.1	99.0	99.3	99.3	99.3	99.4	99.7	99.7
GE 100	32.4	85.7	88.0	90.0	92.9	93.4	94.8	96.9	98.1	99.0	99.3	99.3	99.3	99.4	99.8	99.8
GE 0	32.4	85.7	88.0	90.0	92.9	93.4	94.8	96.9	98.1	99.0	99.3	99.3	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.4	53.8	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	28.1	62.2	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	28.3	63.1	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	28.3	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	28.3	63.4	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	28.9	65.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	29.8	66.6	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 9000	30.0	66.8	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	30.4	68.0	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	30.6	68.9	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	30.6	69.1	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	31.0	70.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	31.2	70.9	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	31.4	72.7	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	32.0	73.7	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	32.3	75.6	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	32.8	77.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	32.8	79.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	33.1	80.1	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	33.3	81.9	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1200	33.3	83.0	84.9	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	33.3	83.8	86.1	86.9	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	33.3	84.3	87.1	88.1	88.7	89.0	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	33.3	84.6	87.6	89.0	89.7	90.0	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	33.3	85.0	88.2	89.9	90.8	91.1	91.4	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	33.3	85.1	88.7	90.4	91.7	92.0	92.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	33.3	85.3	89.3	91.2	92.7	93.1	94.0	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	33.3	85.3	89.3	91.2	92.7	93.1	94.1	96.7	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	33.3	85.3	89.3	91.2	92.8	93.2	94.2	96.8	97.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	33.3	85.3	89.3	91.2	92.8	93.2	94.2	96.8	97.7	98.7	99.3	99.3	99.4	99.4	99.4	99.4
GE 100	33.3	85.3	89.3	91.2	92.8	93.2	94.2	96.8	97.7	98.7	99.3	99.3	99.4	99.4	99.7	100.0
GE 0	33.3	85.3	89.3	91.2	92.8	93.2	94.2	96.8	97.7	98.7	99.3	99.3	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.1	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	30.4	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	30.6	66.4	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	30.6	66.4	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	30.6	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	31.0	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	31.2	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	31.2	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	31.3	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 7000	31.3	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	31.4	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	31.8	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	32.1	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	32.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	32.4	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	32.6	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	32.9	80.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	33.2	82.4	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	33.6	82.9	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	33.7	83.6	84.9	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	33.7	84.3	85.8	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	33.7	85.1	86.9	87.6	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	33.7	85.6	87.9	88.6	89.6	89.8	89.8	89.9	69.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	33.7	86.1	88.7	89.4	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	33.7	86.6	89.1	90.0	92.9	93.1	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	33.7	86.9	89.7	90.7	93.8	94.1	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	33.7	86.9	89.7	90.7	94.1	94.4	95.3	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	33.7	86.9	90.0	91.0	94.7	95.1	96.4	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	33.7	86.9	90.0	91.0	94.8	95.2	96.6	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	33.7	86.9	90.0	91.0	94.9	95.4	96.9	97.4	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.1
GE 100	33.7	86.9	90.0	91.0	94.9	95.4	96.9	97.4	98.2	98.9	99.0	99.0	99.2	99.2	99.4	100.0
GE 0	33.7	86.9	90.0	91.0	94.9	95.4	96.9	97.4	98.2	98.9	99.0	99.0	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.4	59.4	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	28.9	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	28.9	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	28.9	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	28.9	65.0	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	29.0	66.0	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	29.2	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	29.2	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	29.7	68.8	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	30.3	70.0	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	30.9	70.7	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	31.2	72.1	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	31.6	72.4	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	31.6	74.0	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	31.9	75.0	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	32.3	77.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	32.6	78.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	32.8	80.6	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	33.0	81.0	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	33.0	81.7	83.6	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	33.1	82.7	84.8	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	33.2	83.9	86.1	86.9	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	86.0
GE 900	33.2	84.6	86.9	87.7	88.7	88.9	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	33.2	85.2	88.2	89.0	90.1	90.3	90.3	90.3	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	33.2	85.9	88.9	90.0	91.3	91.9	91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	33.3	86.1	89.4	90.7	92.0	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	33.3	86.3	89.8	91.3	93.4	94.3	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	33.3	86.4	90.1	91.7	94.1	95.1	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 300	33.3	86.4	90.3	91.9	94.4	95.4	96.8	97.2	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 200	33.3	86.4	90.3	91.9	94.4	95.4	96.8	97.3	97.6	98.0	98.3	98.6	98.6	98.6	98.6	96.6
GE 100	33.3	86.4	90.3	91.9	94.4	95.4	96.8	97.4	97.7	98.1	98.8	99.0	99.0	99.1	99.2	100.0
GE 0	33.3	86.4	90.3	91.9	94.4	95.4	96.8	97.4	97.7	98.1	98.8	99.0	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	53.6	54.4	54.9	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5
GE 20000	26.1	59.1	60.1	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
GE 18000	26.2	59.4	60.4	61.0	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
GE 16000	26.2	59.5	60.5	61.1	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
GE 14000	26.3	59.8	60.8	61.4	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 12000	26.5	60.8	61.8	62.4	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.1
GE 10000	27.0	62.4	63.5	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8
GE 9000	27.1	62.6	63.7	64.3	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.0
GE 8000	27.5	64.2	65.3	65.9	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.7
GE 7000	28.0	65.3	66.4	67.0	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8
GE 6000	28.2	65.7	66.9	67.5	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3
GE 5000	28.6	67.2	68.3	69.0	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
GE 4500	28.8	67.7	68.9	69.6	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4
GE 4000	29.0	69.1	70.3	71.0	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
GE 3500	29.4	70.0	71.3	72.0	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.9
GE 3000	29.7	71.6	73.0	73.7	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6
GE 2500	30.1	73.2	74.6	75.4	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.4
GE 2000	30.4	75.3	76.9	77.8	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7
GE 1800	30.6	76.1	77.8	78.7	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6
GE 1500	30.9	77.7	79.6	80.6	81.2	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 1200	31.0	79.1	81.3	82.5	83.2	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 1000	31.1	80.3	82.6	84.1	85.1	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	86.0
GE 900	31.2	81.1	83.8	85.3	86.6	86.8	87.1	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.6	87.7
GE 800	31.2	81.8	84.8	86.7	88.3	88.6	88.9	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6
GE 700	31.2	82.3	85.5	87.6	89.5	89.9	90.3	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.2
GE 600	31.2	82.7	86.0	88.3	90.4	90.8	91.4	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.5	92.5
GE 500	31.2	82.9	86.5	89.0	91.4	91.9	92.9	93.8	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6
GE 400	31.2	83.0	86.7	89.2	92.0	92.6	93.9	95.2	95.9	96.3	96.4	96.4	96.4	96.4	96.6	96.6
GE 300	31.2	83.0	86.8	89.4	92.3	93.0	94.4	95.9	96.8	97.4	97.6	97.7	97.8	97.8	97.9	98.1
GE 200	31.2	83.0	86.8	89.4	92.3	93.0	94.5	96.2	97.3	98.0	98.4	98.5	98.7	98.7	98.8	99.0
GE 100	31.2	83.0	86.8	89.4	92.3	93.0	94.5	96.2	97.3	98.1	98.6	98.7	98.9	99.0	99.3	99.8
GE 0	31.2	83.0	86.8	89.4	92.3	93.0	94.5	96.2	97.3	98.1	98.6	98.7	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.5	57.3	58.4	58.6	59.0	59.0	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	60.0
GE 20000	26.7	60.2	61.5	61.8	62.3	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8	63.2
GE 18000	26.7	60.3	61.6	61.9	62.4	62.4	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	63.3
GE 16000	26.7	60.3	61.6	61.9	62.4	62.4	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	63.3
GE 14000	26.7	60.5	61.8	62.2	62.6	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.5
GE 12000	27.1	61.5	62.8	63.1	63.5	63.5	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.5
GE 10000	27.7	62.6	63.9	64.2	64.6	64.6	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.6
GE 9000	27.7	62.6	63.9	64.2	64.6	64.6	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.6
GE 8000	28.4	63.7	64.9	65.3	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.7
GE 7000	28.6	64.5	65.8	66.1	66.6	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.5
GE 6000	28.6	65.1	66.3	66.7	67.1	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6	68.1
GE 5000	28.8	66.3	67.6	68.0	68.4	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	69.4
GE 4500	28.9	67.2	68.5	68.8	69.2	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	70.2
GE 4000	28.9	68.4	69.7	70.0	70.4	70.4	70.6	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.4
GE 3500	29.2	69.6	70.9	71.2	71.6	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.2	72.2	72.6
GE 3000	29.2	71.0	72.3	72.6	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	74.0
GE 2500	29.6	72.0	73.3	73.7	74.1	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	75.1
GE 2000	30.2	73.4	74.7	75.3	76.0	76.0	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.6	76.6	77.0
GE 1800	30.3	73.8	75.1	75.6	76.5	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.4
GE 1500	31.1	76.3	77.7	78.3	79.1	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9	80.3
GE 1200	31.6	78.7	80.1	81.1	82.2	82.4	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.4	83.4	83.9
GE 1000	31.7	79.6	81.1	82.0	83.2	83.4	83.9	84.2	84.2	84.6	84.6	84.6	84.6	84.7	84.7	85.2
GE 900	31.7	79.8	81.8	83.0	84.3	84.6	85.1	85.4	85.4	85.8	85.9	85.9	85.9	86.0	86.0	86.5
GE 800	31.8	80.2	82.4	83.5	85.4	85.7	86.1	86.5	86.5	86.9	87.0	87.0	87.0	87.1	87.1	87.5
GE 700	31.8	80.5	83.0	84.5	86.8	87.2	87.6	88.0	88.0	88.4	88.5	88.5	88.5	88.6	88.6	89.0
GE 600	31.9	81.7	84.3	86.0	88.8	89.2	89.7	90.0	90.0	90.5	91.0	91.0	91.0	91.1	91.1	91.5
GE 500	31.9	81.9	84.9	86.7	89.6	90.1	90.5	90.9	90.9	91.6	92.0	92.0	92.0	92.2	92.2	92.6
GE 400	31.9	82.2	85.3	87.1	90.4	91.1	91.7	92.5	92.5	93.4	94.0	94.0	94.0	94.1	94.1	94.5
GE 300	31.9	82.2	85.3	87.4	91.5	92.2	93.0	94.1	94.2	95.6	96.1	96.1	96.2	96.3	96.3	96.8
GE 200	31.9	82.2	85.3	87.4	91.5	92.2	93.0	94.2	94.6	96.1	96.9	96.9	97.0	97.2	97.3	98.1
GE 100	31.9	82.2	85.3	87.4	91.5	92.2	93.0	94.2	94.6	96.3	97.1	97.1	97.4	97.6	98.0	99.9
GE 0	31.9	82.2	85.3	87.4	91.5	92.2	93.0	94.2	94.6	96.3	97.1	97.1	97.4	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.7	56.6	57.2	57.8	58.2	58.2	58.3	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.6	58.8
GE 20000	26.2	58.9	59.6	60.5	61.1	61.1	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
GE 18000	26.2	58.9	59.6	60.5	61.1	61.1	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
GE 16000	26.2	58.9	59.6	60.5	61.1	61.1	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
GE 14000	26.2	59.2	59.9	60.9	61.5	61.5	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	62.0	62.3
GE 12000	26.5	59.9	60.6	61.6	62.3	62.3	62.4	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.8	63.0
GE 10000	27.3	61.5	62.3	63.2	63.9	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.6
GE 9000	27.4	61.6	62.4	63.3	64.0	64.0	64.1	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.7
GE 8000	27.7	62.4	63.1	64.1	64.7	64.7	64.8	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.3	65.5
GE 7000	28.0	63.1	63.9	64.8	65.5	65.5	65.6	65.7	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.2
GE 6000	28.2	64.2	64.9	65.9	66.6	66.6	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.1	67.3
GE 5000	28.3	65.3	66.0	67.0	67.7	67.7	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.3	66.5
GE 4500	28.3	66.1	66.9	67.8	68.6	68.6	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.4
GE 4000	28.3	67.0	67.7	68.7	69.5	69.5	69.6	69.7	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.2
GE 3500	28.6	68.0	68.8	69.8	70.5	70.5	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.3
GE 3000	28.7	69.7	70.5	71.5	72.4	72.4	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	73.1
GE 2500	28.8	70.8	71.8	72.9	74.0	74.0	74.1	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.5	74.7
GE 2000	29.4	72.4	73.8	74.8	76.1	76.1	76.2	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.9
GE 1800	29.5	72.9	74.3	75.4	76.8	76.8	76.9	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.5
GE 1500	30.1	74.7	76.6	78.0	79.5	79.5	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.2
GE 1200	30.2	76.1	78.2	79.6	81.3	81.5	81.7	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.5
GE 1000	30.5	77.6	79.7	81.2	82.9	83.1	83.3	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.9	84.1
GE 900	30.5	77.7	80.3	81.9	83.7	83.9	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.8
GE 800	30.5	78.3	81.0	83.2	85.3	85.5	85.9	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.5	86.7
GE 700	30.5	79.5	82.2	84.5	86.8	87.0	87.4	87.6	87.6	87.7	87.8	87.8	87.8	87.8	88.0	86.2
GE 600	30.5	80.0	82.9	85.5	88.0	88.3	88.8	89.0	89.1	89.5	89.6	89.6	89.6	89.6	89.7	89.9
GE 500	30.5	80.4	83.7	86.8	89.4	89.9	90.5	90.8	90.9	91.2	91.3	91.3	91.4	91.4	91.5	91.8
GE 400	30.5	80.4	83.8	87.2	90.4	91.1	92.0	92.7	93.3	93.7	93.8	93.8	93.9	93.9	94.0	94.3
GE 300	30.5	80.4	83.8	87.3	91.1	91.7	92.9	93.9	94.7	95.3	95.5	95.5	95.6	95.6	95.7	96.0
GE 200	30.5	80.4	83.8	87.3	91.1	91.7	93.1	94.2	95.1	95.6	96.1	96.2	96.3	96.3	96.7	97.2
GE 100	30.5	80.4	83.8	87.3	91.1	91.7	93.1	94.2	95.1	95.6	96.1	96.2	96.3	96.6	97.6	99.9
GE 0	30.5	80.4	83.8	87.3	91.1	91.7	93.1	94.2	95.1	95.6	96.1	96.2	96.3	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.3	52.6	53.4	53.9	54.2	54.3	54.5	54.8	54.8	54.8	55.1	55.1	55.2	55.2	55.3	55.5
GE 20000	25.5	56.5	57.4	58.0	58.3	58.4	58.7	59.0	59.0	59.1	59.4	59.4	59.5	59.5	59.6	59.8
GE 18000	25.6	56.6	57.5	58.1	58.4	58.5	58.8	59.1	59.1	59.2	59.5	59.5	59.6	59.6	59.7	59.9
GE 16000	25.6	56.6	57.5	58.1	58.4	58.5	58.8	59.1	59.1	59.2	59.5	59.5	59.6	59.6	59.7	59.9
GE 14000	25.6	56.8	57.7	58.3	58.6	58.7	59.0	59.4	59.4	59.5	59.7	59.7	59.8	59.8	59.9	60.1
GE 12000	25.7	57.5	58.5	59.0	59.4	59.5	59.8	60.1	60.1	60.2	60.4	60.4	60.5	60.5	60.6	60.9
GE 10000	26.2	59.0	60.1	60.6	61.2	61.3	61.7	62.0	62.0	62.3	62.5	62.5	62.6	62.6	62.7	62.9
GE 9000	26.3	59.1	60.2	60.8	61.3	61.4	61.8	62.2	62.2	62.4	62.6	62.6	62.7	62.7	62.8	63.0
GE 8000	26.7	60.0	61.1	61.8	62.4	62.5	62.9	63.2	63.2	63.4	63.7	63.7	63.8	63.8	63.9	64.1
GE 7000	26.7	60.5	61.6	62.4	62.9	63.0	63.4	63.8	63.8	64.0	64.2	64.2	64.3	64.3	64.4	64.6
GE 6000	26.8	61.6	62.7	63.4	64.1	64.2	64.6	64.9	64.9	65.2	65.4	65.4	65.5	65.5	65.6	65.8
GE 5000	27.0	62.8	63.9	64.6	65.3	65.4	65.8	66.1	66.1	66.3	66.6	66.6	66.7	66.7	66.8	67.0
GE 4500	27.0	63.1	64.2	64.9	65.6	65.7	66.1	66.5	66.5	66.7	66.9	66.9	67.0	67.0	67.1	67.3
GE 4000	27.5	65.1	66.2	67.0	67.6	67.7	68.2	68.5	68.5	68.7	68.9	68.9	69.0	69.0	69.1	69.4
GE 3500	27.8	66.2	67.5	68.3	68.9	69.0	69.5	69.8	69.8	70.0	70.2	70.2	70.3	70.3	70.4	70.6
GE 3000	28.1	67.4	68.7	69.6	70.2	70.3	70.8	71.1	71.1	71.3	71.5	71.5	71.6	71.6	71.7	71.9
GE 2500	28.3	68.6	70.1	71.0	71.6	71.7	72.3	72.6	72.6	72.8	73.0	73.0	73.1	73.1	73.2	73.4
GE 2000	28.9	70.6	72.3	73.4	74.2	74.3	74.8	75.2	75.2	75.4	75.6	75.6	75.7	75.7	75.8	76.0
GE 1800	29.1	70.9	72.5	73.7	74.4	74.5	75.1	75.4	75.4	75.6	75.8	75.8	75.9	75.9	76.0	76.2
GE 1500	29.4	71.7	73.3	74.6	75.6	75.7	76.2	76.6	76.6	76.8	77.0	77.0	77.1	77.1	77.2	77.4
GE 1200	29.5	73.5	75.3	76.8	77.7	77.8	78.4	78.7	78.7	78.9	79.1	79.1	79.2	79.2	79.4	79.6
GE 1000	29.7	75.1	76.8	78.4	79.4	79.5	80.1	80.5	80.6	80.9	81.1	81.1	81.2	81.2	81.3	81.5
GE 900	29.7	76.3	78.4	80.1	81.1	81.2	81.8	82.3	82.4	82.6	82.9	82.9	83.0	83.0	83.1	83.3
GE 800	29.7	77.4	79.8	81.7	82.8	83.0	83.7	84.1	84.2	84.5	84.8	84.8	84.9	84.9	85.1	85.3
GE 700	29.7	78.2	80.6	82.9	84.4	84.6	85.3	85.7	85.8	86.2	86.6	86.6	86.7	86.8	86.9	87.1
GE 600	29.7	78.4	81.0	83.8	85.9	86.2	86.9	87.4	87.5	88.1	88.4	88.4	88.5	88.6	88.7	88.9
GE 500	29.7	78.6	81.6	84.5	87.3	87.6	89.0	89.7	90.0	90.6	91.1	91.1	91.4	91.5	91.6	91.8
GE 400	29.7	78.6	81.8	84.8	88.0	88.3	89.9	90.9	91.5	92.3	92.9	92.9	93.2	93.3	93.4	93.7
GE 300	29.7	78.7	81.9	85.2	88.4	88.8	90.4	91.8	92.6	93.9	94.5	94.5	94.8	94.9	95.2	95.5
GE 200	29.7	78.7	81.9	85.2	88.4	88.8	90.5	91.9	92.9	94.4	95.2	95.2	95.6	95.8	96.3	96.8
GE 100	29.7	78.7	81.9	85.2	88.4	88.8	90.5	91.9	92.9	94.4	95.2	95.2	95.8	96.1	97.2	99.9
GE 0	29.7	78.7	81.9	85.2	88.4	88.8	90.5	91.9	92.9	94.4	95.2	95.2	95.8	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.9	49.9	50.3	50.5	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.2	51.5
GE 20000	27.1	56.8	57.3	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.4	58.7
GE 18000	27.3	57.0	57.5	57.7	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.7	59.0
GE 16000	27.3	57.0	57.5	57.7	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.7	59.0
GE 14000	27.3	57.2	57.7	58.0	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.9	59.2
GE 12000	27.6	58.5	59.0	59.2	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.5
GE 10000	28.1	60.8	61.3	61.5	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6	63.0
GE 9000	28.3	61.4	61.9	62.2	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.2	63.7
GE 8000	29.0	63.7	64.2	64.4	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.7	66.1
GE 7000	29.2	64.4	64.9	65.2	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.5	66.9
GE 6000	29.6	65.2	65.7	65.9	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.2	67.6
GE 5000	30.0	66.5	67.0	67.2	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.8	69.2
GE 4500	30.0	67.0	67.5	67.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.4	69.8
GE 4000	30.3	68.4	68.9	69.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.8	71.2
GE 3500	30.4	68.5	69.0	69.4	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.1	71.5
GE 3000	30.4	68.9	69.5	69.9	70.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.6	72.0
GE 2500	30.8	69.9	70.8	71.3	72.3	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.1	73.5
GE 2000	31.0	71.0	71.8	72.6	73.5	73.8	74.0	74.2	74.[illegible]	74.3	74.3	74.3	74.3	74.4	74.6	75.1
GE 1800	31.2	71.3	72.2	72.9	73.9	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.9	75.4
GE 1500	31.9	73.4	74.5	75.6	76.8	77.0	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.8	78.3
GE 1200	32.2	75.3	76.8	78.1	79.5	79.7	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.5	81.0
GE 1000	32.3	76.0	77.8	79.1	80.5	80.8	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.7	82.2
GE 900	32.3	76.9	78.8	80.5	82.3	82.5	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.4	83.9
GE 800	32.3	77.7	79.9	82.4	84.1	84.3	84.5	84.8	84.8	85.1	85.1	85.1	85.1	85.2	85.4	85.8
GE 700	32.3	78.5	81.2	83.9	86.0	86.3	86.7	87.2	87.2	87.6	87.8	87.8	87.8	88.0	88.2	88.7
GE 600	32.3	78.5	81.5	84.2	86.7	87.1	87.6	88.4	88.6	89.1	89.5	89.5	89.5	89.6	89.8	90.3
GE 500	32.3	78.7	81.7	84.5	87.3	87.8	88.5	89.5	90.1	90.6	91.0	91.1	91.3	91.4	91.7	92.3
GE 400	32.3	78.7	81.8	84.6	87.6	88.3	89.0	90.3	91.3	91.9	92.3	92.4	92.6	92.7	93.0	93.5
GE 300	32.3	78.7	81.8	84.6	87.7	88.6	89.4	90.9	91.8	94.0	94.5	94.6	94.8	94.9	95.4	96.0
GE 200	32.3	78.7	81.8	84.6	87.7	88.6	89.5	91.0	92.2	94.6	95.5	95.6	96.1	96.3	96.9	97.5
GE 100	32.3	78.7	81.8	84.6	87.7	88.6	89.5	91.0	92.2	94.6	95.5	95.6	96.3	96.8	98.2	99.9
GE 0	32.3	78.7	81.8	84.6	87.7	88.6	89.5	91.0	92.2	94.6	95.5	95.6	96.3	96.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	51.6	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	27.2	59.5	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	27.5	59.8	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	27.5	59.8	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	27.7	60.2	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	28.2	61.0	61.6	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	28.8	64.1	64.9	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	28.8	64.3	65.2	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.6	65.8	65.8	65.8	65.8
GE 8000	29.1	66.8	67.6	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	29.6	67.5	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	29.7	67.8	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	30.0	68.8	69.7	70.0	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	30.0	68.9	69.8	70.1	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	30.3	69.6	70.4	70.8	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	30.8	70.4	71.3	71.8	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3000	30.9	71.8	72.7	73.2	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 2500	31.1	72.7	73.8	74.5	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2000	31.9	75.7	77.2	78.2	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800	31.9	76.0	77.5	78.5	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	32.5	77.3	79.2	80.2	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1200	32.7	78.5	80.8	81.7	83.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1000	32.7	79.4	81.6	82.6	84.8	85.1	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	32.7	80.3	82.9	84.1	86.3	86.6	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 800	32.7	81.3	84.2	85.4	87.7	88.0	88.8	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 700	32.7	81.6	84.6	86.1	88.5	88.8	89.7	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	32.7	81.8	84.9	86.9	89.6	89.9	91.0	92.0	92.0	92.3		92.5	92.5	92.5	92.5	92.5
GE 500	32.7	81.9	85.2	87.1	90.1	90.5	91.7	93.0	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 400	32.7	81.9	85.3	87.3	90.6	91.2	92.5	94.2	94.3	94.9	95.4	95.4	95.5	95.5	95.5	95.5
GE 300	32.7	81.9	85.3	87.3	90.8	91.3	92.6	95.1	95.2	96.2	97.0	97.3	97.5	97.5	97.6	97.6
GE 200	32.7	81.9	85.3	87.3	90.8	91.4	92.7	95.3	95.4	96.6	98.1	98.4	99.0	99.2	99.5	99.5
GE 100	32.7	81.9	85.3	87.3	90.8	91.4	92.7	95.3	95.4	96.6	98.2	98.5	99.2	99.6	100.0	100.0
GE 0	32.7	81.9	85.3	87.3	90.8	91.4	92.7	95.3	95.4	96.6	98.2	98.5	99.2	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	56.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	28.7	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	28.8	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	28.8	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	29.1	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	30.8	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	31.2	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	31.2	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	31.3	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	31.3	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	31.3	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	32.0	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	32.0	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	32.4	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	32.5	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	32.5	77.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	32.9	78.3	79.2	79.2	79.4	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	33.4	80.9	82.0	82.0	82.2	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	33.7	81.5	82.8	82.8	82.9	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	33.8	82.6	84.2	84.2	84.7	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	33.8	84.2	86.1	86.2	86.9	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	33.8	85.1	87.0	87.7	88.7	89.1	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	33.8	86.2	88.5	89.2	90.4	90.9	91.7	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	33.8	86.6	89.0	89.9	91.6	92.2	93.0	93.2	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	33.8	87.0	89.5	90.4	92.2	92.8	93.7	94.0	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	33.8	87.1	89.8	91.0	92.9	93.5	94.7	95.4	95.5	96.1	96.2	96.2	96.3	96.3	96.3	96.3
GE 500	33.8	87.1	89.8	91.1	93.0	93.7	95.5	96.2	96.5	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 400	33.8	87.2	89.9	91.2	93.4	94.1	96.3	97.3	97.7	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 300	33.8	87.2	89.9	91.2	93.4	94.1	96.3	97.4	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	33.8	87.2	89.9	91.2	93.4	94.1	96.3	97.6	98.5	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	33.8	87.2	89.9	91.2	93.4	94.1	96.3	97.6	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0
GE 0	33.8	87.2	89.9	91.2	93.4	94.1	96.3	97.6	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.4	60.1	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 20000	30.0	65.7	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	30.0	65.7	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	30.0	65.7	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	30.3	66.8	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	31.3	68.7	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	32.1	71.8	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	32.1	71.8	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	32.1	73.7	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	32.1	74.5	75.0	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	32.1	75.2	75.6	75.6	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	32.1	75.6	76.5	76.5	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	32.1	76.5	77.3	77.3	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	32.1	77.1	78.0	78.0	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	32.3	78.3	79.2	79.2	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	32.6	79.8	80.7	80.7	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	32.7	80.6	81.4	81.4	81.7	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	33.2	82.1	83.2	83.2	83.4	83.5	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	33.2	82.3	83.4	83.4	83.6	83.7	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	33.2	83.1	84.4	84.7	85.4	85.5	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	33.2	84.4	85.7	86.1	86.8	86.9	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	33.2	85.4	86.8	87.7	88.9	89.1	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	33.2	86.1	87.6	88.6	89.8	90.0	90.6	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	33.2	86.4	88.0	89.4	90.9	91.2	91.9	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	33.2	86.6	88.5	90.0	91.5	91.7	92.4	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	33.2	86.9	89.2	90.8	92.3	92.8	93.6	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	33.2	87.5	89.8	91.9	93.7	94.2	95.3	95.5	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	33.2	88.0	90.6	92.8	94.6	95.0	96.2	96.4	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	33.2	88.0	90.6	92.9	94.7	95.1	96.3	96.8	97.6	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 200	33.2	88.0	90.6	92.9	94.7	95.1	96.3	96.8	97.7	98.7	98.8	99.1	99.1	99.1	99.2	99.2
GE 100	33.2	88.0	90.6	92.9	94.7	95.1	96.3	96.8	97.7	98.8	98.9	99.4	99.4	99.4	99.5	99.9
GE 0	33.2	88.0	90.6	92.9	94.7	95.1	96.3	96.8	97.7	98.8	98.9	99.4	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.9	60.4	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	29.1	64.9	65.7	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	29.1	65.2	65.9	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 16000	29.1	65.2	65.9	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 14000	29.4	65.7	66.5	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	30.0	67.0	67.7	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	31.1	69.4	70.1	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 9000	31.1	69.4	70.1	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 8000	31.2	70.3	71.1	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	31.2	71.6	72.4	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	31.2	72.2	72.9	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	31.3	73.2	74.0	74.2	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	31.3	73.5	74.2	74.4	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4000	31.5	74.9	75.6	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	31.5	75.6	76.4	77.0	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	31.6	76.5	77.2	77.9	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	31.8	77.3	78.2	78.9	79.0	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	32.3	79.0	79.8	80.5	80.8	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	32.3	79.3	80.3	80.9	81.3	81.3	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	32.6	79.9	81.1	81.9	82.5	82.5	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	32.7	81.9	83.1	83.9	84.7	84.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	32.9	82.4	83.7	84.7	85.4	85.4	86.1	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	32.9	82.7	84.4	85.3	86.1	86.1	86.7	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	32.9	83.7	85.5	86.5	87.5	87.5	88.3	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 700	32.9	84.3	86.5	87.5	89.0	89.0	89.9	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	32.9	85.1	87.8	88.9	90.6	90.6	91.7	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	33.0	85.4	88.1	89.5	91.5	91.5	92.7	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	33.0	85.9	88.7	90.2	92.7	92.7	94.2	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	33.0	85.9	88.8	90.3	92.9	93.0	94.6	95.7	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 200	33.0	85.9	88.9	90.6	93.3	93.4	95.3	96.3	96.7	97.4	97.5	97.7	97.8	97.8	98.0	98.0
GE 100	33.0	85.9	88.9	90.6	93.3	93.4	95.3	96.3	96.7	97.5	97.6	98.0	98.1	98.2	98.3	99.5
GE 0	33.0	85.9	88.9	90.6	93.3	93.4	95.3	96.3	96.7	97.5	97.6	98.0	98.1	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.8	55.6	56.3	56.5	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.2
GE 20000	27.6	60.7	61.4	61.7	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.6
GE 18000	27.7	60.8	61.6	61.9	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.7
GE 16000	27.7	60.8	61.6	61.9	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.7
GE 14000	27.8	61.3	62.1	62.4	62.6	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.2
GE 12000	28.4	62.5	63.3	63.6	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.4
GE 10000	29.1	64.6	65.4	65.8	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.7
GE 9000	29.1	64.8	65.6	65.9	66.2	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.9
GE 8000	29.4	66.4	67.2	67.6	67.9	67.9	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.5
GE 7000	29.6	67.2	68.1	68.4	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.4
GE 6000	29.7	67.9	68.7	69.1	69.4	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.1
GE 5000	29.9	69.0	69.9	70.2	70.7	70.7	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.3
GE 4500	30.0	69.5	70.3	70.7	71.1	71.2	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.8
GE 4000	30.2	70.7	71.6	71.9	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	73.1
GE 3500	30.4	71.5	72.4	72.9	73.3	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	74.0
GE 3000	30.5	72.8	73.7	74.2	74.7	74.7	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.4
GE 2500	30.7	73.8	74.8	75.4	75.9	75.9	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.7
GE 2000	31.3	75.6	76.8	77.5	78.2	78.2	78.6	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.1
GE 1800	31.4	76.0	77.2	77.9	78.6	78.7	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.5
GE 1500	31.8	77.4	78.9	79.7	80.6	80.7	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.6
GE 1200	32.0	79.1	80.7	81.7	82.8	83.0	83.4	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.9	84.0
GE 1000	32.1	80.1	81.8	82.9	84.2	84.4	84.9	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.7
GE 900	32.1	80.8	82.8	84.1	85.5	85.7	86.3	86.6	86.6	86.8	86.9	86.9	86.9	86.9	87.0	87.1
GE 800	32.1	81.5	83.7	85.3	86.9	87.2	87.8	88.2	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.9
GE 700	32.1	82.0	84.5	86.2	88.1	88.4	89.1	89.6	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.4
GE 600	32.1	82.4	85.2	87.1	89.3	89.7	90.5	91.1	91.2	91.7	91.9	91.9	91.9	91.9	92.0	92.2
GE 500	32.1	82.7	85.6	87.8	90.2	90.7	91.7	92.4	92.7	93.2	93.4	93.4	93.5	93.5	93.6	93.8
GE 400	32.1	82.9	85.9	88.1	91.0	91.5	92.7	93.7	94.2	94.8	95.1	95.1	95.2	95.3	95.3	95.5
GE 300	32.1	82.9	85.9	88.3	91.3	91.8	93.2	94.4	95.0	96.1	96.5	96.6	96.7	96.7	96.9	97.1
GE 200	32.1	82.9	85.9	88.3	91.4	91.9	93.3	94.7	95.4	96.6	97.2	97.4	97.6	97.7	98.0	98.3
GE 100	32.1	82.9	85.9	88.3	91.4	91.9	93.3	94.7	95.4	96.7	97.3	97.4	97.8	98.0	98.6	99.9
GE 0	32.1	82.9	85.9	88.3	91.4	91.9	93.3	94.7	95.4	96.7	97.3	97.4	97.8	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.6	58.2	59.0	59.4	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0
GE 20000	31.3	65.1	66.0	66.4	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.2
GE 18000	31.4	65.4	66.2	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.4
GE 16000	31.4	65.5	66.4	66.8	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 14000	31.6	65.9	66.8	67.3	67.5	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	66.0
GE 12000	32.1	67.1	68.0	68.5	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2
GE 10000	33.0	69.7	70.6	71.1	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.9
GE 9000	33.1	69.9	70.9	71.4	71.7	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
GE 8000	33.8	72.2	73.2	73.7	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.5
GE 7000	34.2	73.0	74.1	74.6	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.4
GE 6000	34.5	73.7	74.8	75.3	75.6	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1
GE 5000	34.9	75.2	76.3	76.9	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.8
GE 4500	35.1	75.8	76.9	77.5	77.9	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4
GE 4000	35.5	77.4	78.6	79.3	79.7	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2
GE 3500	35.8	78.3	79.6	80.3	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2
GE 3000	36.1	79.8	81.3	82.0	82.5	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1
GE 2500	36.4	81.1	82.7	83.4	84.0	84.1	84.3	84.4	64.4	84.5	84.5	84.5	84.5	84.5	84.6	84.7
GE 2000	36.7	82.5	84.2	85.0	85.6	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.4
GE 1800	36.8	82.9	84.7	85.5	86.1	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.9
GE 1500	37.1	84.2	86.1	87.1	87.8	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7
GE 1200	37.2	85.5	87.5	88.6	89.4	89.6	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4
GE 1000	37.3	86.4	88.6	89.8	90.8	91.0	91.4	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0
GE 900	37.4	86.8	89.2	90.5	91.6	91.8	92.3	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.9	93.0
GE 800	37.4	87.2	89.8	91.3	92.5	92.8	93.3	93.6	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.1
GE 700	37.4	87.5	90.2	91.8	93.2	93.5	94.1	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.9	95.0
GE 600	37.4	87.8	90.6	92.4	93.9	94.3	94.9	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.9	96.0
GE 500	37.4	87.9	90.9	92.8	94.5	94.9	95.7	96.2	96.4	96.7	96.8	96.8	96.8	96.9	96.9	97.0
GE 400	37.4	88.0	91.1	93.0	94.9	95.4	96.3	97.0	97.3	97.6	97.8	97.8	97.8	97.9	97.9	98.0
GE 300	37.4	88.0	91.1	93.1	95.1	95.6	96.6	97.4	97.8	98.3	98.4	98.5	98.6	98.6	98.7	98.8
GE 200	37.4	88.0	91.2	93.1	95.2	95.7	96.7	97.5	97.9	98.5	98.8	98.9	99.0	99.1	99.2	99.4
GE 100	37.4	88.0	91.2	93.1	95.2	95.7	96.7	97.5	98.0	98.6	98.9	99.0	99.2	99.3	99.5	99.9
GE 0	37.4	88.0	91.2	93.1	95.2	95.7	96.7	97.5	98.0	98.6	98.9	99.0	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 87642

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 7/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.7			17.9						13.0	30.4	4.7	925
03-05	41.1			15.3						10.4	33.2	4.7	926
06-08	27.9			23.8						12.4	36.0	5.4	926
09-11	15.9			30.7						17.7	35.7	6.1	926
12-14	13.7			31.0						19.3	36.1	6.3	929
15-17	10.9			34.8						19.2	35.1	6.3	930
18-20	19.4			31.7						16.6	32.4	5.7	930
21-23	35.2			20.5						12.6	31.7	4.9	927
TOTALS	25.4			25.7						15.2	33.8	5.5	7419

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	33.7			17.9						12.4	36.0	5.3	831
03-05	33.1			17.2						13.0	36.6	5.4	830
06-08	21.1			23.2						13.8	42.0	6.1	829
09-11	14.2			23.6						19.6	42.6	6.7	843
12-14	14.1			26.6						20.9	38.3	6.5	845
15-17	11.8			30.1						20.7	37.4	6.5	846
18-20	14.9			30.0						21.3	33.8	6.2	846
21-23	29.1			21.6						13.3	36.1	5.4	843
TOTALS	21.5			23.8						16.9	37.9	6.0	6713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	37.0			15.5						11.8	35.7	5.1	927
03-05	33.6			17.7						12.1	36.7	5.3	929
06-08	20.6			23.8						18.3	37.4	6.1	926
09-11	16.4			21.9						22.1	39.6	6.6	925
12-14	14.7			25.2						18.4	41.7	6.6	930
15-17	11.5			24.5						22.6	41.4	6.9	930
18-20	13.7			28.2						18.0	40.2	6.5	930
21-23	31.9			17.1						11.7	39.2	5.5	930
TOTALS	22.4			21.7						16.9	39.0	6.1	7427

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: APR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	34.0			21.1						14.6	30.3	5.0	899
03-05	31.2			21.4						17.3	30.1	5.2	891
06-08	17.6			27.1						23.1	32.1	6.1	896
09-11	15.7			27.8						21.6	34.9	6.3	898
12-14	9.8			31.7						24.8	33.8	6.6	900
15-17	7.9			35.1						28.3	28.7	6.5	898
18-20	11.4			36.6						26.0	26.1	6.0	897
21-23	32.1			23.9						17.9	26.1	4.9	897
TOTALS	20.0			28.1						21.7	30.3	5.8	7176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	26.8			25.8						15.0	32.5	5.4	927
03-05	21.1			26.1						20.5	32.3	5.9	926
06-08	8.5			27.0						29.4	35.0	7.0	925
09-11	7.1			29.0						30.6	33.2	7.0	930
12-14	4.1			34.1						32.8	29.0	6.9	930
15-17	4.0			37.8						32.5	25.7	6.6	930
18-20	5.6			39.8						30.2	24.4	6.4	930
21-23	25.4			26.1						19.0	29.5	5.4	930
TOTALS	12.8			30.7						26.3	30.2	6.3	7428

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	28.0			26.5						23.0	22.5	5.1	897
03-05	20.9			29.9						22.9	26.3	5.6	896
06-08	8.1			30.6						33.0	28.3	6.7	898
09-11	9.1			34.4						30.4	26.1	6.4	899
12-14	6.9			40.3						32.1	20.7	6.2	900
15-17	6.2			43.3						31.3	19.2	6.0	898
18-20	8.2			42.3						27.6	21.9	5.9	897
21-23	22.5			31.6						23.4	22.5	5.3	898
TOTALS	13.7			34.9						28.0	23.4	5.9	7183

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	38.9			30.5						16.4	14.3	3.8	929
03-05	30.1			34.0						19.5	16.5	4.4	930
06-08	15.1			38.4						28.6	17.9	5.5	929
09-11	17.7			42.4						26.4	13.5	5.0	927
12-14	10.4			50.8						28.3	10.5	5.1	930
15-17	7.9			56.1						29.5	6.5	5.0	928
18-20	13.5			54.6						24.2	7.7	4.6	926
21-23	30.9			41.5						15.5	12.1	3.9	927
TOTALS	20.6			43.5						23.6	12.4	4.7	7426

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	35.4			29.9						16.7	18.1	4.2	924
03-05	33.7			29.3						17.3	19.8	4.4	926
06-08	12.4			37.5						30.1	20.1	5.8	921
09-11	13.2			41.1						29.6	16.1	5.5	925
12-14	8.2			46.8						31.2	13.9	5.6	930
15-17	5.9			56.7						27.9	9.5	5.2	929
18-20	11.9			51.6						26.1	10.4	4.9	926
21-23	29.4			38.6						16.8	15.3	4.2	923
TOTALS	18.8			41.4						24.5	15.4	5.0	7404

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.6			24.1						15.2	22.2	4.3	897
03-05	37.8			23.3						15.9	23.0	4.4	888
06-08	17.3			36.1						22.0	24.6	5.5	883
09-11	17.5			38.0						23.6	20.9	5.4	895
12-14	13.8			41.8						25.0	19.4	5.4	899
15-17	13.0			40.1						28.1	18.8	5.6	900
18-20	18.7			39.6						24.4	17.3	5.1	898
21-23	34.9			29.2						16.2	19.7	4.3	900
TOTALS	24.0			34.0						21.3	20.7	5.0	7160

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	40.8			19.5						12.7	26.9	4.4	928
03-05	35.8			21.4						14.2	28.6	4.8	918
06-08	22.2			25.4						22.8	29.6	5.8	914
09-11	17.7			29.0						23.7	29.6	6.0	923
12-14	18.3			29.9						24.5	27.3	5.6	930
15-17	18.0			33.4						22.9	25.7	5.6	929
18-20	25.3			33.3						19.4	22.0	4.9	928
21-23	39.9			22.1						13.6	24.4	4.3	927
TOTALS	27.3			26.8						19.2	26.8	5.2	7397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	35.0			14.9						15.4	34.7	5.3	898
03-05	32.9			19.0						12.7	35.4	5.3	896
06-08	19.9			24.3						18.9	36.9	6.1	896
09-11	12.7			29.6						18.4	39.3	6.5	900
12-14	11.9			31.6						20.7	35.8	6.4	899
15-17	12.8			31.7						23.4	32.1	6.3	900
18-20	22.1			31.3						16.7	29.9	5.4	900
21-23	34.2			19.7						15.2	30.9	5.0	900
TOTALS	22.7			25.3						17.7	34.4	5.8	7189

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	33.1			21.3						10.4	35.2	5.1	924
03-05	32.7			21.0						11.1	35.2	5.1	929
06-08	22.9			24.3						16.2	36.6	5.8	926
09-11	14.8			26.3						21.8	37.0	6.5	926
12-14	15.3			25.2						22.9	36.7	6.5	930
15-17	13.0			30.2						23.3	33.4	6.4	930
18-20	22.8			27.4						17.3	32.6	5.6	927
21-23	32.4			22.0						10.4	35.2	5.1	926
TOTALS	23.4			24.7						16.7	35.2	5.8	7418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS

PERIOD OF RECORD: 77-86
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	25.4			25.7						15.2	33.8	5.5	7419
FEB		21.5			23.8						16.9	37.9	6.0	6713
MAR		22.4			21.7						16.9	39.0	6.1	7427
APR		20.0			28.1						21.7	30.3	5.8	7176
MAY		12.8			30.7						26.3	30.2	6.3	7428
JUN		13.7			34.9						28.0	23.4	5.9	7183
JUL		20.6			43.5						23.6	12.4	4.7	7426
AUG		18.8			41.4						24.5	15.4	5.0	7404
SEP		24.0			34.0						21.3	20.7	5.0	7160
OCT		27.3			26.8						19.2	26.8	5.2	7397
NOV		22.7			25.3						17.7	34.4	5.8	7189
DEC		23.4			24.7						16.7	35.2	5.6	7418
	TOTALS	21.1			30.1						20.7	28.3	5.6	87340

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

* 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

a. Daily maximum temperatures
b. Daily minimum temperatures
c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

* 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

a. Extreme maximum temperature
b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

(1) * indicates the extreme was selected from a month with one or more days missing.

(2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Divariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the advent of RUSSWO-2 in mid 1986.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	[illegible]	45.4	55.3	67.4	[illegible]	[illegible]	82.3	[illegible]	81.3	[illegible]	54.4	43.0	[illegible]
S.D.	13.4614	12.37	13.5751	[illegible]	[illegible]	[illegible]	7.6667	7.6411	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	1023	[illegible]	1023	99[illegible]	1023	[illegible]	1023	1023	99[illegible]	1023	99[illegible]	1023	[illegible]

USAFETAC FORM 0215 (OLD) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN													
S.D.													
TOTAL OBS													

USAFETAC FORM 0215 (OLD) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

724215 MCCONNELL AFS KS 53-70
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ [illegible]							.1						.
≥ [illegible]							1.2	.4					.1
≥ [illegible]						.2	8.4	3.4	.2				1.2
≥ [illegible]					.1	1.7	34.2	24.7	5.0	.1			5.1
≥ [illegible]				.2	2.1	15.5	65.0	54.4	19.7	.9			13.3
≥ [illegible]				1.0	12.0	58.5	87.6	81.2	38.4	3.1			23.0
≥ [illegible]			.2	5.5	35.0	82.0	97.4	95.0	59.1	15.4	.1		32.9
≥ [illegible]		.1	5.0	22.5	55.6	94.3	99.7	98.9	78.3	32.0	1.6		41.2
≥ [illegible]	.2	1.2	10.3	40.5	79.0	99.1	100.0	100.0	90.0	53.4	6.0	.2	48.7
≥ [illegible]	.9	4.7	21.0	62.3	92.3	100.0			96.0	72.5	16.0	2.0	55.1
≥ [illegible]	2.0	11.7	34.0	79.5	98.0				99.6	87.0	33.0	5.4	62.9
≥ 4[illegible]	9.4	25.0	52.3	92.6	99.8				99.8	95.5	52.0	17.0	70.0
≥ [illegible]	22.3	38.4	70.9	96.7	100.0				100.0	98.9	70.9	34.3	77.7
≥ [illegible]	40.7	55.5	83.9	99.0						99.8	85.1	55.3	85.1
≥ [illegible]	57.5	71.4	92.3	99.8						99.9	94.1	74.8	90.9
≥ [illegible]	70.9	82.0	96.3	99.9						100.0	97.5	84.6	94.3
≥ [illegible]	79.9	90.5	98.0	100.0							99.4	91.0	96.7
≥ [illegible]	88.2	95.6	99.6								99.9	96.1	98.4
≥ [illegible]	95.4	99.0	99.9								100.0	98.3	99.4
≥ [illegible]	98.4	99.9	100.0									99.3	99.8
≥	99.7	100.0										99.7	100.0
≥	100.0											100.0	100.0
MEAN	2[illegible].3	26.5	45.2	57.1	66.1	75.6	81.7	80.0	71.4	60.0	45.3	35.[illegible]	57.0
S.D.	11.544	11.696	11.029	9.165	7.405	6.391	5.976	6.162	8.662	8.974	9.543	10.332	19.539
TOTAL OBS	1023	932	1023	990	1023	990	1023	1023	990	1023	990	1054	12084

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												59	
54	67	83	79	90	87	104	114	106	104	96	77	65	114
55	64	65	86	91	92	91	102	101	98	86	77	61	102
56	68	80	87	94	98	105	104	107	101	90	77	67	107
57	66	68	75	77	83	96	102	102	95	85	74	63	102
58	57	68	57	82	94	99	100	100	95	89	75	62	100
59	61	64	80	91	89	102	97	102	96	78	77	63	102
60	66	62	80	85	89	103	101	99	92	88	73	64	103
61	58	69	76	87	88	96	100	101	96	82	66	64	101
62	58	79	79	83	100	95	102	105	97	90	70	64	105
63	59	70	84	89	93	98	104	108	92	93	76	62	108
64	71	57	74	83	99	101	105	107	98	85	77	57	107
65	69	68	76	85	87	94	100	98	92	92	75	66	100
66	63	61	83	82	91	95	105	104	91	90	76	74	105
67	74	72	88	87	99	92	96	100	89	88	70	61	100
68	66	61	81	84	90	97	103	109	92	89	72	60	109
69	55	69	74	82	90	99	103	107	95	89	72	64	107
70	63	78	75	89	88	100	106	106	102	83	71	69	106
71	70	65	78	84	90	99	104	96	101	89	72	61	104
72	56	82	82	97	89	98	102	99	96	89	67	67	102
73	63	62	72	78	86	103	99	103	92	86	73	66	103
74	58	68	86	77	91	105	107	100	90	81	69	58	107
75	55	55	75	82	85	92	100	101	99	93	77	73	101
76	67	84	86	86	85	97	101	105	101	90	71	66	105
77	56	74	79	83	86	97	104	98	92	87	70	67	104
78	57	49	86	84	88	99	106	103	103	92	79	66	106
79	45	61	80	81	86	96	101	100	95	94	68	63	101
80	60	65	68	85	90	108	110	110	100	93	82	65	110
81	73	79	79	90	83	102	107	100	94	86	70	65	107
82	60	74	80	89	88	93	101	107	102	90	72	67	107

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
83	62	69	76	77	88	92	106	107	98	88	77	51	107
84	62	71	70	82	86	99	105	110	105	82	68	68	110
85	48	55	78	85	100	104	107	103	103	82	73	53	107
86	67	75	81	85	85	96	108	92	92	78	62	50	108
MEAN	61.9	68.5	78.5	85.0	89.8	98.4	103.4	102.9	96.6	87.7	72.9	63.9	105.1
S.D.	6.605	8.639	6.266	4.747	4.788	4.330	3.699	4.245	4.493	4.477	4.241	6.046	3.391
TOTAL OBS	1023	932	1023	990	1023	990	1023	1023	990	1023	990	1054	12084

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												7	
54	0	16	13	29	32	48	67	64	50	31	20	16	0
55	11	3	8	35	50	50	67	60	51	32	9	5	3
56	5	6	10	31	46	52	65	52	46	41	15	15	5
57	2	14	19	24	42	55	63	63	50	26	24	10	2
58	6	7	18	35	45	50	60	55	43	35	15	8	6
59	-11	2	22	30	44	55	56	62	45	30	9	23	-11
60	8	5	0	33	34	55	58	60	49	30	20	12	0
61	4	10	28	32	38	53	57	53	43	37	24	-2	-2
62	-10	2	3	22	44	57	59	58	46	36	25	-2	-10
63	-7	11	23	37	35	59	66	58	45	35	24	1	-7
64	-1	13	15	28	45	51	60	53	41	30	9	2	-1
65	10	1	13	35	47	57	59	59	43	35	19	20	1
66	-2	6	16	27	38	51	67	57	44	30	18	1	-2
67	7	9	1	30	37	54	56	54	39	34	23	7	1
68	-2	9	16	25	38	50	58	60	47	38	23	-3	-3
69	8	18	6	35	45	50	63	63	54	31	18	17	6
70	3	11	22	27	42	53	52	58	44	32	12	15	3
71	4	-4	15	29	43	61	54	60	44	35	23	23	-4
72	-4	4	16	24	46	52	54	60	37	27	23	3	-4
73	-1	16	30	27	40	53	62	59	42	31	28	1	-1
74	-3	13	15	33	44	53	64	56	43	36	21	15	-3
75	8	5	11	17	42	48	54	65	45	34	6	6	5
76	-2	9	14	29	33	53	62	59	42	21	8	-2	-2
77	-2	13	23	33	49	58	63	58	55	36	21	5	-2
78	-4	-1	5	32	40	54	61	58	48	35	24	8	-4
79	-6	-5	24	29	40	53	64	58	50	36	20	5	-6
80	8	3	7	33	39	57	64	65	45	26	21	8	3
81	15	-3	28	39	41	54	62	58	45	32	27	13	-3
82	-6	-9	19	27	44	52	66	63	45	32	19	14	-9

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724505 STATION NAME: MCCONNELL AFB KS PERIOD OF RECORD: 53-86

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
83	16	7	25	29	35	46	60	69	38	42	22	-8	-8
84	-1	14	20	33	38	57	61	59	37	33	25	14	-1
85	-3	1	25	35	49	50	65	60	35	33	15	8	-3
86	9	8	23	32	47	58	62	53	52	37	8	19	8
MEAN	1.8	6.5	16.2	30.2	41.6	53.3	60.9	59.1	44.9	33.0	18.7	6.4	-1.3
S.D.	6.845	6.596	8.039	4.633	4.796	3.450	4.168	3.864	4.802	4.294	6.156	7.658	4.733
TOTAL OBS	1023	932	1023	990	1023	990	1023	1023	990	1023	990	1054	12084

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724 [illegible]5 MCCONNELL AFB KS 77-86

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	25.	30.8	42.1	51.7	60.2	69.7	76.6	74.3	67.6	54.9	41.8	31.[illegible]	52.3
	S D	1[illegible].7	412.6841	[illegible].137	9.495	6.9[illegible]2	6.367	5.364	6.080	9.073	8.9621	0.4581	0.931	19.401
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	930.	930.	900.	930.	9[illegible]0.	93[illegible]	10956
[illegible]-[illegible]	MEAN	24.6	2[illegible].1	39.9	4[illegible].7	58.2	67.4	73.8	71.7	65.2	53.[illegible]	4[illegible].1	29.6	5[illegible].3
	S D	1[illegible].7251	2.22[illegible]	9.885	9.368	7.[illegible]61	6.211	4.955	5.669	8.[illegible]1	9.2431	0.2571	1.048	18.968
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	930.	930.	900.	930.	900.	93[illegible]	10956
6-0[illegible]	MEAN	23.	28.0	39.2	50.2	59.6	69.3	75.3	72.5	65.1	52.6	39.[illegible]	29.[illegible]	50.4
	S D	1[illegible].66	12.076	9.834	9.565	7.[illegible]37	6.401	5.060	[illegible].854	8.792	9.066	9.9891	0.863	19.738
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	930.	930.	900.	930.	900.	9[illegible]0.	10956
[illegible]-1	MEAN	27.	32.8	45.9	57.9	67.2	77.1	84.8	81.7	73.7	6[illegible].4	44.3	33.[illegible]	57.3
	S D	11.5[illegible]713	.1171	[illegible].7051	0.467	7.451	7.807	6.869	7.6551	0.082	8.9091	0.6461	1.348	21.748
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	930.	930.	900.	930.	9[illegible]0.	930.	10956
1[illegible]-1[illegible]	MEAN	[illegible]3.4	39.0	52.3	63.5	72.0	82.5	91.3	88.2	8[illegible].5	66.8	5[illegible].3	36.9	63.4
	S D	13.1[illegible]314	.6961	1.9141	1.173	8.22[illegible]	8.699	7.552	9.4591	1.0601	0.0581	1.7351	2.518	22.296
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	930.	930.	900.	930.	900.	930.	10956
[illegible]-1[illegible]	MEAN	3[illegible].1	41.2	54.5	65.2	73.3	83.8	92.9	89.6	81.[illegible]	67.9	51.[illegible]	39.8	64.8
	S D	13.4[illegible]715	.3711	2.2951	1.347	8.411	8.802	7.542	8.4261	1.1211	0.3841	1.7681	2.670	22.371
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	930.	930.	900.	9[illegible]0.	900.	930.	10956
-2	MEAN	30.[illegible]	36.8	50.2	60.7	69.1	79.7	87.5	84.[illegible]	75.7	61.6	45.8	34.7	59.6
	S D	11.5[illegible]513	.9471	1.0631	0.453	7.800	8.037	7.142	7.7551	0.378	9.4251	0.4801	1.143	21.641
	TOTAL OBS	93[illegible].	846.	930.	9[illegible]0.	93[illegible].	900.	929.	930.	900.	930.	[illegible]00.	927.	10952
1-23	MEAN	27.7	33.3	45.6	55.0	63.4	73.2	8[illegible].2	77.8	7[illegible].2	57.4	42.9	32.3	55.[illegible]
	S D	1[illegible].8311	2.8981	[illegible].151	9.500	6.[illegible]22	6.719	5.801	6.669	9.427	8.8751	0.2[illegible]31	0.89[illegible]	19.987
	TOTAL OBS	93[illegible].	846.	930.	849.	93[illegible].	900.	930.	93[illegible].	900.	930.	900.	927.	10952
ALL HOURS	MEAN	2[illegible].5	33.9	46.2	56.7	65.4	75.3	82.8	8[illegible].0	72.5	59.3	44.4	33.6	56.7
	S D	12.26	14.1261	2.0241	1.6[illegible]	9.250	9.511	9.406	9.6871	1.6261	0.8861	1.4721	2.[illegible]41	21.465
	TOTAL OBS	744[illegible].	6768.	744[illegible].	71[illegible]9.	744[illegible].	7200.	7439.	744[illegible].	7200.	7440.	7200.	7434.	8764[illegible]

USAF ETAC FORM OCT 75 0-89-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724[illegible]5 MCCONNELL AFB KS 77-86
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	23.[illegible]	28.4	38.2	47.1	56.[illegible]	64.5	68.6	66.9	61.2	49.9	39.5	26.[illegible]	47.7
	S D	10.0061	11.591	9.263	9.[illegible]72	6.94[illegible]	5.799	3.863	4.548	8.[illegible]16	8.5501	[illegible].048	[illegible].495	17.556
	TOTAL OBS	[illegible]	846	930	899	929	900	928	930	900	930	897	930	10949
[illegible]-[illegible]	MEAN	22.[illegible]	27.[illegible]	36.6	45.8	54.6	63.3	67.3	65.8	60.1	48.8	37.4	27.7	46.5
	S D	10.1051	11.497	9.23[illegible]	9.225	7.135	5.898	3.845	4.721	8.[illegible]89	8.8961	[illegible].0141	10.746	17.584
	TOTAL OBS	930	846	93[illegible]	900	927	900	927	930	900	930	897	930	10947
[illegible]-[illegible]	MEAN	21.[illegible]	26.2	36.2	46.2	55.7	64.2	68.2	66.4	60.2	48.6	36.6	26.9	46.5
	S D	10.2[illegible]	11.499	9.336	9.281	7.101	5.786	3.668	4.801	8.179	8.853	9.7841	10.707	18.149
	TOTAL OBS	93[illegible]	846	930	900	928	900	928	930	900	930	897	930	10949
-[illegible]1	MEAN	24.5	2[illegible].6	40.5	50.7	59.8	67.8	71.9	7[illegible].4	64.3	53.[illegible]	4[illegible].0	29.6	5[illegible].3
	S D	1[illegible].6311	11.670	9.266	9.[illegible]94	7.043	5.636	3.425	4.703	8.206	7.860	9.6681	[illegible].951	18.373
	TOTAL OBS	929	845	930	9[illegible]0	929	900	929	929	900	930	[illegible]00	930	10951
1[illegible]-1[illegible]	MEAN	28.7	33.8	44.1	53.5	62.1	69.5	73.2	72.1	66.4	55.8	43.3	33.5	53.1
	S D	1[illegible].9771	11.814	9.295	9.109	[illegible].067	5.750	3.464	4.541	8.077	7.595	9.7231	[illegible].686	17.554
	TOTAL OBS	93[illegible]	846	930	9[illegible]0	930	900	930	930	900	930	[illegible]00	930	10956
[illegible]-17	MEAN	[illegible]7.9	35.1	45.1	54.1	62.4	69.8	73.1	71.9	66.2	56.[illegible]	43.6	34.1	53.5
	S D	1[illegible].8931	11.854	9.175	8.8[illegible]7	6.862	5.534	3.382	4.397	7.791	7.621	9.5661	[illegible].723	17.167
	TOTAL OBS	929	846	930	9[illegible]0	930	900	93[illegible]	930	900	930	900	930	10955
-2	MEAN	27.0	32.4	42.9	52.0	6[illegible].[illegible]	68.5	71.7	7[illegible].2	64.[illegible]	53.2	4[illegible].7	31.[illegible]	51.[illegible]
	S D	1[illegible].1021	11.534	8.870	[illegible].816	6.846	5.521	3.597	4.349	7.803	7.77[illegible]	9.3821	[illegible].239	17.5[illegible]0
	TOTAL OBS	93[illegible]	845	930	9[illegible]0	930	900	929	930	900	930	900	927	10951
1-23	MEAN	25.1	30.2	40.5	49.2	57.8	66.3	69.8	68.2	62.2	51.1	39.[illegible]	29.4	49.2
	S D	9.9481	11.411	8.[illegible]93	8.860	6.720	5.538	3.755	4.456	8.[illegible]5	8.122	9.4561	[illegible].27[illegible]	17.457
	TOTAL OBS	93[illegible]	846	930	899	93[illegible]	900	930	930	900	930	899	927	10951
ALL HOURS	MEAN	25.4	30.3	40.5	49.8	58.6	66.7	7[illegible].5	69.0	63.1	52.1	39.9	30.1	49.[illegible]
	S D	1[illegible].7071	11.980	9.685	9.506	7.523	6.180	4.218	5.129	8.36[illegible]	8.616	9.9961	[illegible].828	17.859
	TOTAL OBS	7438	6766	7440	7148	7433	7200	7431	7439	7260	7440	7140	7434	87[illegible]9

USAF ETAC FORM OCT 75 0-89-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724[illegible]5 MCCONNELL AFB KS 77-86

STATION STATION NAME YEARS

HRS EST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	17.	23.6	32.9	42.3	52.6	61.4	64.3	62.8	57.1	45.1	34.0	23.3	43.2
	S D	11.32	12.851	10.584	10.559	8.235	6.596	5.396	5.584	9.064	10.429	11.626	12.472	18.785
	TOTAL OBS	930.	846.	930.	899.	929.	900.	926.	930.	900.	930.	897.	930.	10949
03-05	MEAN	17.1	22.6	31.9	41.6	51.6	60.6	63.7	62.5	56.7	44.7	33.4	22.7	42.5
	S D	12.2	12.940	10.591	10.737	8.269	6.596	4.871	5.624	9.001	10.363	11.557	12.810	18.910
	TOTAL OBS	930.	846.	930.	900.	927.	900.	927.	930.	900.	930.	897.	930.	10947
06-08	MEAN	16.3	21.2	31.6	42.0	52.3	61.2	64.5	63.1	56.9	44.7	32.8	22.1	42.5
	S D	12.517	12.991	11.779	10.690	8.429	6.606	4.624	5.639	9.09	10.365	11.225	12.620	19.37[illegible]
	TOTAL OBS	930.	846.	930.	900.	926.	900.	926.	930.	900.	930.	897.	930.	10949
09-11	MEAN	17.8	23.7	33.[illegible]	43.9	54.5	62.6	65.7	64.8	58.5	46.5	34.5	23.6	44.2
	S D	12.976	12.672	11.929	11.289	9.072	6.983	4.994	5.780	9.818	10.387	11.284	12.608	19.469
	TOTAL OBS	929.	845.	930.	900.	929.	900.	929.	929.	900.	930.	900.	930.	10951
12-14	MEAN	19.7	5.6	34.5	44.7	55.4	62.7	64.5	64.4	58.	46.5	35.1	24.7	44.6
	S D	12.621	12.574	11.160	11.561	9.299	7.191	6.[illegible]00	6.434	10.362	10.670	11.657	12.635	18.912
	TOTAL OBS	930.	846.	930.	900.	930.	900.	930.	930.	900.	930.	900.	930.	10956
15-17	MEAN	20.4	2[illegible].2	34.5	44.4	55.1	62.6	63.6	63.2	57.	45.9	35.[illegible]	24.8	44.5
	S D	12.147	12.331	11.164	11.469	9.215	7.274	6.289	6.646	10.189	11.128	11.509	12.595	18.476
	TOTAL OBS	929.	846.	930.	900.	930.	900.	930.	930.	900.	930.	900.	930.	10955
-2	MEAN	19.[illegible]	25.5	34.2	44.0	54.5	62.5	63.8	63.[illegible]	57.[illegible]	45.7	34.3	24.1	44.1
	S D	11.955	12.279	10.744	11.172	8.932	7.121	5.976	6.232	9.654	10.501	11.183	12.323	18.525
	TOTAL OBS	930.	845.	930.	900.	930.	900.	929.	930.	900.	930.	900.	927.	10951
1-23	MEAN	18.9	24.7	34.1	43.5	53.6	62.4	64.4	63.[illegible]	57.1	45.3	33.7	23.[illegible]	43.8
	S D	11.855	12.354	10.320	10.617	8.[illegible]68	6.456	5.426	5.800	9.370	10.295	10.991	12.311	18.612
	TOTAL OBS	930.	846.	930.	899.	930.	900.	930.	930.	900.	930.	899.	927.	10951
ALL HOURS	MEAN	18.[illegible]	24.2	33.4	43.3	53.7	62.0	64.3	63.3	57.3	45.5	34.1	23.6	43.7
	S D	12.34	12.726	11.836	11.[illegible]67	8.821	6.8[illegible]7	5.476	6.026	9.597	10.563	11.400	12.596	18.9[illegible]
	TOTAL OBS	7436.	6766.	7440.	7198.	7433.	7200.	7431.	7439.	7200.	7440.	7170.	7434.	87629

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
TH WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724[illegible]5	MCCONNELL AFB KS	77-8[illegible]	[illegible]
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	[illegible]	[illegible]	[illegible]	99.8	97.4	92.8	[illegible]	54.1	32.5	10.9	72.4	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	97.4	87.3	[illegible]	62.2	34.1	11.1	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.7	[illegible]	93.2	[illegible]	63.2	[illegible]	[illegible]	74.4	[illegible]
	[illegible]-11	[illegible]	[illegible]	99.	[illegible]	[illegible]	[illegible]	44.5	26.[illegible]	[illegible]	65.5	[illegible]
	[illegible]-14	[illegible]	99.7	[illegible]	[illegible]	66.5	47.1	29.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-17	[illegible]	99.4	[illegible]	[illegible]	61.8	42.9	24.[illegible]	[illegible]	[illegible]	57.[illegible]	[illegible]
	[illegible]-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.7	[illegible]	[illegible]	[illegible]	65.[illegible]	[illegible]
	[illegible]-23	[illegible]	[illegible]	99.	[illegible]	[illegible]	75.4	49.[illegible]	27.	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	9.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72451	MCDONNELL AFB MO	77-80	FEB
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-03	100.0	100.0	99.[illegible]	96.1	94.1	84.5	68.[illegible]	37.4	18.[illegible]	75.7	548
	04-07	100.0	100.0	99.5	96.9	90.6	89.5	69.6	45.5	19.6	77.[illegible]	548
	08-11	100.0	100.0	100.0	99.9	97.8	90.3	70.7	46.[illegible]	17.4	78.1	548
	12-15	100.0	100.0	99.[illegible]	97.	88.4	71.[illegible]	48.9	33.6	10.	75.7	548
	16-19	100.0	96.9	95.3	95.[illegible]	69.6	5[illegible].6	32.0	22.3	7.	61.[illegible]	548
	20-23	100.0	97.6	97.[illegible]	90.0	65.2	46.1	31.1	17.0	5.5	67.4	548
	00-23	100.0	99.4	95.[illegible]	8[illegible].1	77.6	55.[illegible]	46.3	4.9	10.	66.0	548
	12-23	100.0	100.0	99.1	9[illegible].2	89.7	76.6	57.0	32.[illegible]	14.5	72.4	548
TOTALS		100.0	9.5	97.	9[illegible].1	5.1	72.2	53.0	32.5	1[illegible].1	[illegible].3	4765

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

RELATIVE HUMIDITY

724[illegible]5 — STATION
[illegible]CONNELL AFB KS — STATION NAME
77-85 — PERIOD
[illegible] — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	0-02	100.0	100.0	[illegible]	[illegible]	[illegible]	76.7	52.7	23.4	[illegible]	71.1	[illegible]
	03-05	[illegible]	100.0	[illegible]	[illegible]	64.5	[illegible]	61.1	34.[illegible]	11.2	[illegible]	[illegible]
	06-08	100.0	100.0	100.0	[illegible]	55.3	35.3	[illegible]	25.1	14.[illegible]	75.[illegible]	[illegible]
	09-11	100.0	100.0	[illegible]	[illegible]	77.3	54.3	35.1	2[illegible].1	[illegible]	[illegible]	[illegible]
	12-14	100.0	[illegible]	92.4	72.3	55.4	34.5	21.2	12.[illegible]	[illegible]	[illegible]	[illegible]
	15-17	100.0	97.[illegible]	84.[illegible]	61.3	43.[illegible]	[illegible]	1[illegible]	11.[illegible]	[illegible]	55.[illegible]	[illegible]
	18-20	100.0	99.1	92.[illegible]	[illegible]	[illegible]	39.1	25.6	13.7	[illegible]	57.4	[illegible]
	21-23	100.0	100.0	[illegible]	[illegible]	43.5	31.[illegible]	37.[illegible]	1[illegible]	[illegible]	65.[illegible]	[illegible]
TOTALS		[illegible]	99.4	95.6	87.[illegible]	71.0	57.9	39.[illegible]	22.2	[illegible]	64.1	744

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724[illegible] [illegible] NELL AFB KS — STATION / STATION NAME

77-[illegible] — PERIOD

[illegible] — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]-02	100.0	100.0	100.0	[illegible]	91.7	77.4	53.0	29.[illegible]	[illegible]	71.[illegible]	[illegible]
	[illegible]-05	100.0	100.0	100.0	[illegible]	[illegible]	73.6	62.5	35.9	[illegible]	74.[illegible]	[illegible]
	[illegible]-08	100.0	100.0	99.[illegible]	99.7	[illegible]	[illegible]	59.[illegible]	34.1	[illegible]	74.3	[illegible]
	-11	100.0	100.0	[illegible]	[illegible]	68.7	[illegible]	33.[illegible]	17.4	[illegible]	62.[illegible]	[illegible]
	1[illegible]-14	1[illegible].0	9[illegible]	91.3	[illegible]	49.1	33.5	20.[illegible]	9.[illegible]	3.3	53.4	[illegible]
	1[illegible]-17	1[illegible].0	[illegible]6.4	84.2	[illegible].1	42.2	27.6	16.[illegible]	7.[illegible]	[illegible].7	50.3	[illegible]
	[illegible]-20	100.0	9[illegible].6	94.1	7[illegible]	55.6	41.[illegible]	2[illegible].[illegible]	1[illegible].[illegible]	[illegible].7	56.[illegible]	[illegible]
	1-23	1[illegible].[illegible]	100.0	[illegible]	[illegible]	[illegible].2	64.5	4[illegible]	22.[illegible]	[illegible].1	67.[illegible]	[illegible]
TOTALS		1[illegible].0	9.7	96.[illegible]	9[illegible].7	73.5	57.6	[illegible]	2[illegible]	[illegible]	[illegible]	71[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible]	[illegible]	77-[illegible]	[illegible]
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70	80	90		
[illegible]	00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] STATION [illegible] STATION NAME [illegible] PERIOD [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40%	50%	60%	70%	80%	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.4	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

USAFETAC FORM JUL 64 0-87-5 OL A

AD-A179 196 MCCONNELL AFB KANSAS REVISED UNIFORM SUMMARY OF SURFACE 4/4
WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 APR 87
UNCLASSIFIED USAFETAC/DS-87/016 F/G 4/2 NL

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DATE
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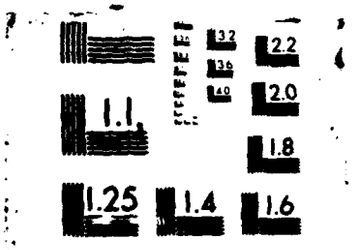


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

[illegible] AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724505	McCONNELL AFB KS	[illegible]	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.4	17.5	[illegible]	[illegible]	[illegible]
	03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.7	[illegible]
	06-08	[illegible]	[illegible]	[illegible]	[illegible]	92.7	75.5	[illegible]	23.4	[illegible]	[illegible]	[illegible]
	09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]
	15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.5	[illegible]	[illegible]	.1	[illegible]	[illegible]
	18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
724[illegible]5	MCCONNELL AFB KS	77-[illegible]	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
[illegible]	0-[illegible]	1[illegible].0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]
	[illegible]-05	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-08	[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-11	1[illegible].0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1[illegible]-14	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	1[illegible]-17	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]-20	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	1-23	100.0	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	15.1	1.2	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

OL-A CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (MAC)

RELATIVE HUMIDITY

724[illegible] S — MCCONNELL AFB KS — 77-[illegible] — [illegible]
STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	00-02	100.0	100.0	99.7	96.9	82.5	75.[illegible]	50.0	24.6	5.3	70.0	[illegible]
	03-05	100.0	100.0	99.[illegible]	98.2	97.1	86.4	64.5	34.[illegible]	[illegible].6	74.7	[illegible]
	06-08	100.0	100.0	100.0	97.3	88.9	80.0	65.8	35.3	7.[illegible]	[illegible]	[illegible]
	09-11	100.0	100.0	99.[illegible]	9[illegible].3	71.4	47.2	26.[illegible]	12.4	[illegible].3	62.6	970
	12-14	100.0	99.7	88.[illegible]	62.[illegible]	39.8	21.6	10.2	0.0	[illegible].0	[illegible]	[illegible]
	15-17	100.0	98.9	[illegible]	[illegible].3	[illegible]	17.5	10.[illegible]	5.2	1.0	45.4	[illegible]
	18-20	100.0	99.[illegible]	95.7	78.0	53.0	34.5	19.0	7.1	[illegible].0	54.[illegible]	9[illegible]
	21-23	100.0	99.9	99.6	96.3	[illegible]	56.4	3[illegible]	15.3	[illegible]	64.6	[illegible]
TOTALS		100.0	99.6	95.4	84.4	7[illegible].5	53.0	35.[illegible]	17.4	4.[illegible]	61.[illegible]	7[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
724[illegible]5	MCCONNELL AFB KS	77-95	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
[illegible]	00-[illegible]	1[illegible].0	1[illegible].0	29.9	[illegible]	63.0	[illegible].2	34.4	21.3	.1	[illegible]	[illegible]
	01-[illegible]	1[illegible].0	1[illegible].0	1[illegible]	.7	92.[illegible]	71.1	54.5	39.4	11.5	74.7	[illegible]
	[illegible]	1[illegible].0	100.0	100.[illegible]	[illegible]	93.4	[illegible]	56.5	41.4	1[illegible].7	75.0	[illegible]
	[illegible]-11	1[illegible].0	9.9	96.[illegible]	[illegible]	72.[illegible]	4.4	3[illegible].2	1[illegible]	.2	[illegible]	[illegible]
	1[illegible]-14	1[illegible]	7.3	[illegible]	54.[illegible]	47.5	[illegible]	[illegible]	1[illegible]	[illegible].3	[illegible]	[illegible]
	1[illegible]-17	1[illegible].0	4.5	77.[illegible]	[illegible]	41.[illegible]	[illegible].3	1[illegible].1	1[illegible]	[illegible]	[illegible]	[illegible]
	1[illegible]-20	1[illegible].0	96.9	93.[illegible]	[illegible]	63.7	4[illegible].3	29.[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
	1-23	1[illegible].0	1[illegible]	98.[illegible]	[illegible]	[illegible]	51.5	4[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]
TOTALS		1[illegible].0	9.9	93.	84.[illegible]	72.1	51.7	42.[illegible]	24.5	[illegible]	63.[illegible]	744

USAFETAC FORM JUL 64 0-87-5 (OL A)

L AL CLIMATOLOGY BRANCH
ETAC
AI WEATHER SERVICE/MA

RELATIVE HUMIDITY

724 5	CCONNELL AFB KS	77-8	[illegible]
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70	80	90		
N	[illegible]	100.0	100.0	100.	[illegible]	75.9	[illegible]	62.0	37.	17.	74.	[illegible]
	[illegible]	100.0	100.0	100.	100.	[illegible]	7.3	7	[illegible]	[illegible]	77.	[illegible]
	[illegible]	100.0	100.0	100.	100.0	9.1	91.1	74.	46.	17.4	[illegible]	[illegible]
	-11	100.0	100.0	[illegible]	[illegible]	7.2	[illegible]	[illegible]	1.	[illegible]	[illegible]	[illegible]
	1 -1	100.0	9.9	95.	[illegible]	1.4	4 .	2 .4	17.	[illegible]	[illegible]	[illegible]
	1 -17	100.0	99.	3.	77.	56.	39.9	27.3	1 .	[illegible]	7.	[illegible]
	-2	100.0	9.	[illegible]	[illegible]	1.3	1.	[illegible]	22.4	7.	6 .	[illegible]
	1-2	100.0	10 .	9.	9 .	.7	74.3	51.	9.	1 .	1.	[illegible]
TOTALS		100.0	9.9	98.	9 .4	3.	6 .7	5 .4	[illegible]	11.	.3	71

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724505	MCCONNELL AFB KS	77-8[illegible]	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
DEC	00-02	100.0	100.0	[illegible]	[illegible]	93.9	[illegible]	[illegible]	34.	11.4	[illegible]	[illegible]
	03-05	100.0	100.0	100.0	[illegible]	95.7	[illegible]	63.1	[illegible]	11.	[illegible]	[illegible]
	06-08	100.0	100.0	100.0	[illegible]	[illegible]	77.3	56.7	42.9	[illegible]	[illegible]	[illegible]
	09-11	100.0	100.0	[illegible]	[illegible]	87.4	[illegible]	46.	[illegible]	[illegible]	[illegible]	[illegible]
	12-14	100.0	99.6	97.	[illegible]	64.3	43.5	25.1	11.4	.7	[illegible]	[illegible]
	15-17	100.0	99.[illegible]	[illegible]	[illegible]	62.7	42.4	27.	12.4	.7	57.[illegible]	[illegible]
	18-20	100.0	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.4	4.	[illegible]	[illegible]
	21-23	100.0	100.0	99.4	[illegible]	91.9	75.[illegible]	[illegible]	[illegible]	.4	71.	[illegible]
TOTALS		[illegible]	99.9	[illegible]	[illegible]	[illegible]	6[illegible].9	47.[illegible]	27.7	.7	6[illegible].7	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

[illegible] AL CLIMATOLOGY [illegible]
[illegible]TAC
[illegible] AT [illegible] SERVICE [illegible]

RELATIVE HUMIDITY

[illegible]	[illegible] AFB [illegible]	77-[illegible]	L
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
[illegible]	[illegible]	[illegible]	9.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.	[illegible]
[illegible]		[illegible]	9.1	97.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	77.	74.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.	[illegible]	[illegible]	[illegible]	71[illegible]
[illegible]		[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.	[illegible]
[illegible]		[illegible]	[illegible]	94.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		100.	[illegible]	91.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	9.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

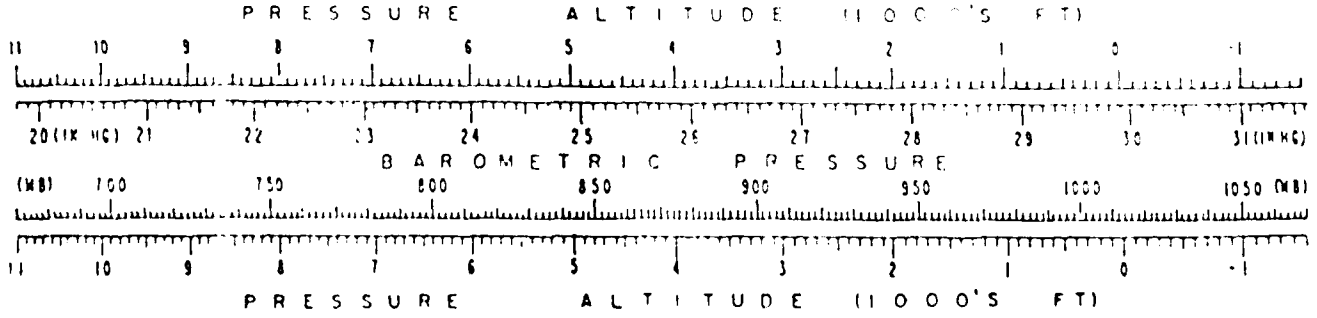
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

724655 MCCONNELL AFB KS 77-86

STATION STATION NAME YEARS

HRS LST			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	2	.67428	.60828	.49428	.47728	.45928	.48528	.52328	.53928	.54628	.57128	.579[illegible]8	.631	28.549
0	S D		.2[illegible]	.231	.234	.1[illegible]0	.152	.124	.093	.1[illegible]0	.157	.173	.224	.254	.198
	TOTAL OBS		31[illegible]	2[illegible]2.	310.	3[illegible]0.	31[illegible].	[illegible]00.	310.	310.	300.	310.	300	310	3652
	MEAN	2	.67178	.59928	.48728	.46528	.44728	.47528	.51928	.53528	.54328	.56528	.57228	.[illegible]25	28.542
	S D		.22	.231	.236	.196	.159	.127	.093	.1[illegible]0	.15[illegible]	.178	.224	.259	.2[illegible]0
	TOTAL OBS		31[illegible]	2[illegible]2.	310.	3[illegible]0.	[illegible]10.	300.	310.	310.	300.	310	3[illegible]0	31	3652
	MEAN	2	.66528	.6[illegible]128	.49278	.47628	.46428	.49328	.53628	.55[illegible]28	.55728	.57528	.5[illegible]728	.621	28.550
	S D		.22	.22[illegible]	.241	.1[illegible]9	.161	.129	.[illegible]96	.1[illegible]3	.15[illegible]	.181	.224	.26	.2[illegible]0
	TOTAL OBS		31[illegible]	2[illegible]2.	31[illegible].	3[illegible]0.	310.	300.	310.	310.	300.	310	300	31	3652
	MEAN	2	.69628	.63[illegible]28	.51828	.49928	.48423	.5[illegible]928	.55328	.56628	.58[illegible]28	.[illegible]032	.60628	.651	28.574
	S D		.2[illegible]1	.226	.244	.2[illegible]4	.163	.132	.[illegible]96	.1[illegible]5	.161	.195	.229	.26	.2[illegible]3
	TOTAL OBS		31[illegible]	2[illegible]2.	310.	3[illegible]0.	310.	300.	310.	310.	300.	310	3[illegible]0	31[illegible]	3652
	MEAN	2	.69128	.62928	.51128	.49[illegible]28	.47528	.49628	.53628	.55[illegible]28	.56528	.59828	.59328	.646	28.564
1	S D		.23	.226	.244	.2[illegible]4	.159	.131	.[illegible]96	.1[illegible]5	.162	.1[illegible]3	.228	.257	.2[illegible]03
	TOTAL OBS		31[illegible]	2[illegible]2.	310.	3[illegible]0.	310.	300.	310.	310.	300.	310	300	31[illegible]	3652
	MEAN	2	.63[illegible]28	.57428	.46128	.44628	.44128	.46[illegible]28	.49818	.50828	.5142[illegible]	.53928	.54428	.601	28.519
	S D		.22[illegible]	.222	.239	.1[illegible]8	.154	.128	.[illegible]95	.1[illegible]5	.162	.17[illegible]	.228	.253	.199
	TOTAL OBS		31[illegible]	2[illegible]2.	310.	3[illegible]0.	310.	300.	310.	310.	3[illegible]	310.	3[illegible]0	31[illegible]	3652
	MEAN	2	.65[illegible]28	.58128	.45728	.43628	.41928	.43528	.47026	.4[illegible]52	.5032	.53828	.5552	.619	28.51[illegible]
	S D		.224	.21[illegible]	.233	.1[illegible]1	.149	.125	.094	.1[illegible]4	.163	.174	.226	.2[illegible]5	.179
	TOTAL OBS		310.	2[illegible]2.	310.	3[illegible]0.	310.	300.	310.	31[illegible]	3[illegible]0.	310.	300.	3[illegible]9	3651
	MEAN	2	.66[illegible]28	.6[illegible]428	.48328	.46828	.44628	.46628	.5012[illegible]	.5222	.53928	.56728	.57528	.637	28.54[illegible]
1	S D		.22[illegible]	.221	.231	.1[illegible]5	.147	.122	.094	.1[illegible]1	.159	.172	.[illegible]25	.243	.196
	TOTAL OBS		310.	2[illegible]2.	310.	3[illegible]0.	310.	300.	310.	31[illegible]	3[illegible]0.	310.	300.	3[illegible]9	3651
ALL HOURS	MEAN	2	.66928	.6[illegible]328	.48828	.46928	.45528	.47728	.51728	.5322	.54328	.56828	.5752	.629	28.544
	S D		.22[illegible]	.226	.238	.1[illegible]7	.157	.129	.[illegible]98	.1[illegible]6	.161	.179	.226	.254	.201
	TOTAL OBS		24[illegible]0.	2256.	2480.	24[illegible]0.	2430.	2400.	248[illegible].	248[illegible].	24[illegible].	248[illegible].	2400.	2476.	29214

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NATIONAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

724755 MCCONNELL AFB KS 77-86
STATION NAME YEARS

HRS GMT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0	MEAN	1022.5	1019.8	1014.9	1013.7	1012.6	1013.0	1014.0	1014.8	1015.4	1016.9	1018.1	1020.[illegible]	1016.3
	S.D.	6.543	6.813	8.683	6.962	5.574	4.573	3.473	3.709	5.873	6.455	6.379	9.615	7.6[illegible]
	TOTAL OBS	310	2-2	310	300	310	300	310	310	300	310	300	310	3652
3	MEAN	1022.3	1019.4	1014.6	1013.2	1012.2	1012.7	1013.9	1014.6	1015.2	1016.7	1017.6	1020.3	1016.1
	S.D.	6.582	8.837	8.769	7.229	5.644	4.677	3.422	3.713	5.921	6.617	6.367	9.766	7.74
	TOTAL OBS	310	2-2	310	300	310	300	310	310	300	310	300	310	3652
6	MEAN	1022.3	1019.6	1014.9	1013.7	1012.8	1013.4	1014.6	1015.2	1015.9	1017.2	1018.1	1020.4	1016.5
	S.D.	6.625	6.698	6.955	7.316	5.739	4.753	3.496	3.876	5.916	6.725	6.354	9.788	7.700
	TOTAL OBS	310	2-2	310	300	310	300	310	310	300	310	300	310	3652
9	MEAN	1023.4	1020.8	1015.9	1014.6	1013.6	1014.0	1015.2	1015.8	1016.7	1018.2	1019.2	1021.5	1017.4
	S.D.	6.708	8.66[illegible]	9.076	7.445	5.965	4.815	3.539	3.891	6.[illegible]45	6.687	6.367	9.7[illegible]5	7.619
	TOTAL OBS	310	2-2	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1023.2	1020.6	1015.6	1014.2	1013.2	1013.4	1014.6	1015.2	1016.0	1017.5	1018.6	1021.2	1016.[illegible]
	S.D.	6.792	6.595	9.[illegible]73	7.468	5.799	4.617	3.538	3.894	6.[illegible]63	6.776	6.[illegible]43	9.675	7.876
	TOTAL OBS	310	2-2	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1021.2	1018.5	1013.8	1012.6	1011.9	1012.1	1013.2	1013.7	1014.2	1015.7	1016.8	1019.5	1015.3
	S.D.	6.673	6.479	6.847	7.244	5.66[illegible]	4.726	3.525	3.917	6.[illegible]59	6.59[illegible]	6.444	9.484	7.656
	TOTAL OBS	310	2-2	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1021.[illegible]	1016.9	1013.7	1012.3	1011.2	1011.3	1012.3	1012.9	1013.9	1015.9	1017.3	1020.3	1015.1
	S.D.	6.436	8.345	8.616	7.[illegible]45	5.492	4.597	3.496	3.881	6.107	6.472	8.392	9.227	7.74[illegible]
	TOTAL OBS	310	2-2	310	300	310	300	310	310	299	310	300	309	3650
21	MEAN	1022.4	1019.6	1014.6	1013.5	1012.3	1012.4	1013.3	1014.2	1015.2	1016.9	1018.1	1021.[illegible]	1016.1
	S.D.	6.5[illegible]9	8.434	8.552	6.769	5.376	4.474	3.463	3.715	5.973	6.386	8.363	9.208	7.619
	TOTAL OBS	310	2-2	310	2-9	310	300	310	310	300	310	300	309	3650
ALL HOURS	MEAN	1022.4	1019.7	1014.8	1013.5	1012.5	1012.8	1013.9	1014.6	1015.3	1016.9	1018.0	1020.[illegible]	1016.2
	S.D.	6.623	8.626	8.841	7.215	5.741	4.743	3.597	3.909	6.056	6.649	6.405	9.575	7.754
	TOTAL OBS	2460	2256	2480	2399	2480	2400	2460	2480	2399	2480	2460	2470	22212

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